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Deanna Miller
Historical Society

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MERCANTILE GUIDE

AND

DIRECTORY

FOR

Virginia City, Gold Hill, Silver City

AND

AMERICAN CITY,

COMPRISING

A General Business and Resident Directory
for those Cities, with Sketches of
their growth, development
and resources.

ALSO CONTAINING

Valuable Historical and Statistical Matter
OF UNUSUAL INTEREST,

TOGETHER WITH THE ONLY

ACCURATE MINING DIRECTORY

YET PUBLISHED,

Giving the name of the Mine, number of feet in each
claim, the District in which the same is located,
and the names of Secretaries, with their
respective places of business.

COMPILED BY

CHARLES COLLINS.

VIRGINIA:
1884-5.

PRINTED BY LINTY & DEVERAGE, BOOK AND JOB PRINTERS, 511 SANBORN STREET, S. F.

A006900

RIGBY & Co.'s MILL.—Situated at head of American Ravine. Machinery from the Pacific Foundry, San Francisco.

St. Louis Co.'s MILL.—Is situated in Gold Cañon, a short distance above the Devil's Gate; building 60 by 50 feet; engine 40-horse power. The machinery was built at the Miner's Foundry, San Francisco.

BOWERS' MILL.—Built and owned by L. S. Bowers. It is situated in Crown Point Ravine, Gold Hill; runs 20 stamps and 30 pans, with an engine of 30-horse power. Under the superintendence of James Mee.

STEWART & Co.'s MILL.—Located on Gold Cañon, a short distance below Gold Hill; was erected in the fall of 1861. This is one of the largest Mills in the Territory, and for convenience and perfection of arrangement, is not surpassed by any.

RHODE ISLAND MILL.—Is owned by G. L. Smith, T. V. Barney and H. B. Potter. This Mill is situated in Gold Hill; runs 25 stamps and 20 pans, with an engine of 40-horse power. G. L. Smith, superintendent. It is classed amongst the finest in the District.

HOISTING WORKS.

ALTA HOISTING WORKS.—Owned by the Imperial Company; built in 1863; situated in Upper Gold Hill; size 80 by 40.

EMPIRE HOISTING WORKS.—Owned by the Empire Mill and Mining Company; erected in 1863; has an engine of 45-horse power; employs 60 men; size of building 65 by 40; wing 40 by 41—making a front of 66 feet.

ECLIPSE HOISTING WORKS.—Built in 1863, and owned by the Eclipse Company. Has a shaft 12 feet long by 4 wide, divided into three departments; engine 25-horse power.

CONSOLIDATED No. 1.—Owned by the Consolidated Mining Company. Constructed in 1863; engine of 18-horse power.

The Rice Company work their Mine through the Consolidated Company's Shaft.

CROCUS WORKS.—Situated in Gold Hill; built in 1864; size of building 86 by 50. Has an engine of 50-horse power.

HODGE & WOOD, Wholesale Stationers, 418 & 420 Clay St., S. F.

BULLION HOISTING WORKS.—Owned by the Bullion Mining Company; situated in Upper Gold Hill. These Works were erected in 1863; has an engine of 40-horse power. This Company is putting up a new engine. It is the best finished Hoisting apparatus in Gold Hill. J. M. Walker, general superintendent.

BELCHER HOISTING WORKS.—Erected in 1864. Size of main building, 40 by 65; carpenter shop, 20 by 40; has an engine of 30-horse power; employs 45 men. Superintended by John Lambert.

MICHIGAN MINING AND HOISTING WORKS.—Owned by the Michigan Mining Co. Went into operation in 1864; has an engine of 16-horse power; size of building 16 by 35; this Company employs 15 men. Under the supervision of Geo. Swernson.

MARY ANN MINING Co's WORKS.—In Gold Hill District; built in 1864; contemplate erecting additional machinery during the Summer; which, when completed, will be amongst the finest and most complete hoisting works in the Territory.

CONFIDENCE HOISTING WORKS.—Situated in Gold Hill; was constructed in 1863; is owned by the Confidence Mining Company; engine 35-horse power. Matthew Irving superintendent.

LOGAN & HOLMES' HOISTING WORKS.—Was built in 1862; located in Gold Hill; has an engine of 60-horse power.

LUTHERNE HOISTING WORKS.—Situated in Lower Gold Hill; size 27 by 65 feet; has an engine of 24-horse power; owned by the San Francisco Company, and superintended by William Henicks.

OMEGA MINING COMPANY.—This Company are about erecting machinery on their claim.

MINERVA MINING COMPANY.—This Company have ordered machinery and contemplate erecting it during the Summer.

ALPHA MINING WORKS.—Owned by the Alpha Mining Company; was built in 1863; is situated on Upper Gold Hill; has an engine of 30-horse power.

YELLOW JACKET MINING WORKS.—Situated in Gold Hill, adjoining the Confidence Works, is owned by the Yellow Jacket Mining Co. These Works have got hoisting works and machinery which is not excelled by any in the District. Engine house is 36 by 52 feet; timber house 52 by 46; the main shaft is down a distance of 300 feet. About 70 tons of ore is taken out daily. This Company have also an incline of 275 feet, through which the mine is being worked until it is struck by the main shaft. The engine is 40-horse power and was built at the Miner's Foundry, San Francisco. J. B. Winters, President; Sam'l Hyatt, Sec'y; James M. Day, Superintendent.

Dealers in Every Variety of Staple and Fancy Stationery.

SCHOOLS.

Active preparations are now being made by the "City Fathers" to perfect a system of "City Schools," for the education of the numerous and constantly increasing youth of the City. There are several schools conducted and supported by private enterprise.

F. & A. MASONS.

SILVER CITY LODGE, No. 163, F. & A. MASONS.—Dispensation granted March 29th, 1863; organized April 4th, 1863; chartered May 15th, 1863.

Present officers: Chas. F. Brant, W. M.; August Koneman, Treas.; Richard T. Mullard, S. W.; Henry W. Arnold, Sec'y; Moses J. Rourke, J. W.; Jno. M. Kennedy, S. D.; Josiah K. Barney, J. D.; Henry Lux, Tyler.

Present number of members fifty. Stated meetings first Saturday in each Month. Called meetings every Saturday.

I. O. O. F.

SILVER CITY LODGE.—Organized April 14th, 1862. Officers for the ensuing year: J. Pattie, N. G.; L. D. Noyes, V. G.; D. McLaughlin, Treas.; J. W. Adkins, Rec. Sec.

Number of members twenty-seven. Meet every Monday evening at Odd Fellows' Hall.

SILVER CITY GUARD.

The Military of Silver City was organized in October, 1862. This Company had eighty-four members when first organized under Capt. Zebriskie. It at present boasts of a full complement of well drilled members.

Officers: S. Terry, Capt.; C. Garrett, 1st Lieut.; W. H. Campbell, 2nd Lieut.; L. D. Noyes, Brevet; P. J. H. Smith Orderly.

The above Company numbers amongst its members some of the best military talent in the Territory. Should an opportunity ever be offered to test the material of which the citizen soldiery of Nevada is composed, the Silver City Guard will give an account of themselves which will reflect immortal honors on themselves, as well as the City they represent.

HODGE & WOOD, Wholesale Stationers, 418 & 420 Clay St., S. F.

TOLL ROADS.

A new road is almost completed between this place and American City. If the mines of the latter place should realize the expectations of its friends, the vast amount of teams that will be engaged in hauling quartz over this road to the quartz mills located around Silver City, will give an impetus to business here, as well as a source of great revenue to its owners. From here the roads radiate to Carson, Dayton, Humboldt, and the Reese River Country.

QUARTZ MILLS.

DEVILS GATE QUARTZ MILL.—Is situated just below the Devil's Gate. This Mill was formerly known by the name of the Washoe Mill. It was erected by Almarin B. Paul & Co., and was started for the first time on the 9th August, 1860. There is a dispute and a great deal of controversy between this Mill and Coover's Pioneer Mill at Gold Hill, as to which should have the honor of having first commenced operations in crushing quartz in the Territory—both having got up steam the same day and the same hour. It is a matter open to discussion amongst the oldest inhabitants. This Mill has changed proprietors; it is now owned by Irwin & Co. The machinery is driven by a 24-horse power steam engine, working two of Howland's batteries of 8 stamps each, making in all 16 stamps with a crushing capacity of 20 tons of quartz in 24 hours. It also has 24 pans of the latest improved style. J. C. Benson, superintendent.

PIONEER QUARTZ CO.'S MILL.—In Gold Cañon, near Devil's Gate; erected in 1860; started on the 15th December of the same year. It has a 40-horse power steam engine, running three 5-stamp batteries, with a crushing capacity of 20 tons per day. It works 3 of Hepburn's and 28 Knox's pans. The size of the main building is one hundred feet square. It is due to the credit of the present proprietors to state that for three years it has been the most successfully worked Mill in the Territory—not having stopped operations longer than twenty hours at any one time during that period. J. A. Toddman, Superintendent; N. P. Sheldon, Business Agent.

KNICKERBOCKER MILL.—Owned by Messrs. Sherman & Bro. is situated in Gold Cañon, near American Ravine; has 5 stamps

Dealers in Every Variety of Staple and Fancy Stationery.

with 2 7-foot amalgamating pans, and is driven by a 32-foot water-wheel. Small though this Mill may appear in comparison with those surrounding it, yet owing to the advantages of water-power, and good management, it is perhaps more profitable to its owners than Mills that boast of greater capacities.

BACON QUARTZ MILL.—Owned by the "Bacon Mill and Mining Co.," situated at the junction of Gold Cañon and American Ravine, below Silver City. Was first built in 1862, and re-built in 1863. It runs 30 straight stamps, has 18 4-foot and 16 5-foot pans, and is driven by an engine of 45-horse power. It reduces 20 tons of ore in 24 hours. Samuel Doake, Superintendent; L. S. Phillipps, Foreman.

SPARROW, TRENCH & Co.'s MILL.—Is located in American Ravine, a short distance above the Sierra Nevada Hotel. Was built during the summer of 1860. Size of building 90 by 75 feet. It has 20 stamps and 16 7-foot pans; driven by an engine of 60-horse power. This Mill reduces about 20 tons of rock per day, which is taken from the Company's Claim at Gold Hill. It employs 15 hands, working day and night, and is under the superintendence of Joseph Trench.

BARTOLA MILL.—Is located in Gold Cañon, below Silver City. It is at present leased to John White. It has 8 stamps and 8 pans, with a crushing capacity of 10 tons of ore every 24 hours. It is propelled by a 16-horse power steam engine; employs nine men, and is under the supervision of the lessee.

UNION MILL.—Owned by George A. Hudson; was built in 1861. It is situated in American Ravine, a short distance above the Bacon Mill. It has 2 5-stamp batteries, driven by an engine of 20-horse power, and is capable of crushing 15 tons of ore in 24 hours. In the amalgamating department there are 8 7-foot amalgamating wooden tubs, with one small Wakelee pan. Employs about 10 men. George A. Hudson, superintendent.

EASTERN SLOPE MILL.—Is situated one-half mile below Devil's Gate. Commenced operations in 1861. Was then owned by the Eastern Slope Mill and Mining Co., but has since changed hands, and is now in the possession of Edward McLean. It has 12 stamps of 950 pounds each, which crush 20 tons of quartz in 24 hours. It has 6 Hepburn pans, 3 separators, and has an outer

HODGE & WOOD, Wholesale Stationers, 418 & 420 Clay St., S. F.;

settler and flumes for catching quicksilver and amalgam. It is propelled by a steam engine of 45-horse power, from the Pacific Foundry, San Francisco. Employs 14 men. Edward McLean, superintendent.

PHENIX No. 1.—Was erected in 1860, by C. S. Kellogg. At that time it had 8 wooden stamps, which have been since replaced by 16 iron ones. It has 4 Hepburn pans and 2 settlers, driven by an engine of 24-horse power, with boiler to correspond. Employs nine men and runs day and night. Under the supervision of Charles Uznay.

PHENIX No. 2.—Was constructed in 1861, and has a front of 100 by 80 feet. It has 4 batteries of 5 stamps each; runs 22 amalgamating pans of 6 feet in diameter and 12 of 5 feet. It has also a prospecting battery of 2 small stamps. The whole making a crushing capacity of 25 to 30 tons of quarts per day. It is to be propelled by a new and splendid steam engine of 70-horse power, and employs 17 men, and is also under the supervision of Mr. Charles Uznay.

There are a number of stone and frame houses adjoining these two Mills, which are used for offices, retorting rooms, boarding houses for the hands and residence of the proprietor and superintendents.

EXCELSIOR QUARTZ MILL.—Is situated in John Town, about one-quarter of a mile below the Swansea. It was built in 1861 and started in November of the same year. It has 8 stamps of 900 pounds each, which work about 12 tons of rock in 24 hours, and has also 10 amalgamating pans; is propelled by an engine of 40-horse power, built at the Vulcan Iron Works, San Francisco. Employs nine men; under the supervision of Mr. John Briggs, one of the owners.

SWANSEA MILL.—Owned by John Tregloan; is situated just below the Phoenix Mill, in Gold Cañon; was built in 1862 and started in June of the same year. It has 12 double-stem stamps of 800 pounds each, 18 6-foot amalgamators, 2 5-foot tubs and 3 concentrators. The capacity of the engine is 40-horse power, with a 12-inch cylinder of 3-foot stroke. This Mill is capable of reducing 18 tons of quartz in 24 hours, and is under the supervision of Mr. John Tregloan, the owner.

Dealers in Blank Books, Legal and Commercial Blanks.

EAGLE MILL.—Is now being built by H. B. Jones (proprietor). It will have three straight stamps with two pans, and will be driven by water-power—the wheel of which is 24 feet in diameter. As this Mill is to be driven by the same power as the Knickerbocker, with careful management there is no doubt but it will prove a source of profit to its owner.

MERCHANT'S MILL.—Situated in Gold Cañon, below the Phoenix, at the junction of Rock Point Mill and Dayton road; was constructed in 1861; has 12 stamps, 8 wooden amalgamators and 9 iron pans. It reduces about 15 tons of quartz in 24 hours—running night and day. It is propelled by an engine of 15-horse power, and employs 12 hands. Its machinery is adapted for working all the precious metals, and is under the supervision of C. A. Chapin.

SACRAMENTO QUARTZ MILL.—Owned by the Sacramento Mill Co.; located in John Town; situated one mile below Silver City; has 12 stamps, working 20 tons of quartz in 24 hours; weight of stamps, 950 pounds each. It has also 12 amalgamating pans of 7 feet in diameter, and is driven by an engine of 60-horse power; employs 11 men, working night and day. J. W. L. Hunt, superintendent.

MILITARY GOODS,

REGALIA FOR ALL ORDERS.

FLAGS, BANNERS,

TRIMMINGS, ETC.

D. NORCROSS,

MASONIC TEMPLE, SAN FRANCISCO.

HEUSTON, HASTINGS & CO.,

THE LARGEST CLOTHING HOUSE

ON THE PACIFIC COAST. See Advertisement on outside cover.

HODGE & WOOD, Wholesale Stationers, 418 & 420 Clay St., S. F.

THE SILVER CITY DIRECTORY

FOR THE

YEAR COMMENCING MAY, 1864.

Abbreviations.

bds..boards. n..north. s..south. nr..near. res..reside. op..opposite.
ad..advertisements.

A

Adkins J. W. blacksmith Pride of West Mine
Adler M. grocer Main. op Eastern Slope Hotel
Albert John, laborer Phoenix Mill
Alder & Co. grocers and clothing store, Main
Allen E. B. mason, Main
Allen Thos. amalgamator Sacramento Mill
Allen E. B. wagon-maker Main
Ames D. J. blacksmith with Hortep, Main
ANGEL J. I. prop'r Eastern Slope Hotel, Main
ARCADE SALOON, Hall & Noyes, (see ad)
ARMSTRONG, ROBERTS & HOWARD, prop'rs Devil's Gate
Toll Road
Armstrong Wm. prop'r Devil's Gate Toll Road, res at Gate
Arnold Wm. amalgamator Phoenix Mill

B

Bainar M. with Conrad Weigenstine, Main
Baker J. H. musician, Main
Baker J. H. prop'r Occidental Saloon, Main
Baldwin J. B. amalgamator Sacramento Mill
Bankheiser P. laborer Eastern Slope Mill
Barber S. T. carpenter and contractor, res Main
BARNEY, McDUFFIE & CO. grocers, Main
BARNEY J. K. of Barney, McDuffie & Co
Barrett Thos
Bartlett C. P. druggist, office in Post Office

Dealers in School Books and Cheap Publications.

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BIENNIAL REPORT
OF THE
STATE MINERALOGIST
OF THE
STATE OF NEVADA,
FOR
THE YEARS 1871 AND 1872.

12760

be necessary to sink several hundred feet further to obtain the same level. Powerful hoisting works have been erected at each one of the shafts. In No. 2 a large amount of water has been encountered. When the pumps are allowed to stop it rises to within three hundred feet of the surface. A large machine shop has been erected at Sutro for the manufacture of all the machinery to be used by the company. There is also here a store supplied with everything necessary for use at the different works. These are issued as they are needed. The formations through which the tunnel has passed so far, are: for the first seven hundred and fifty feet, conglomerate; then trachyte three hundred and eighty feet; after this a belt of clay one hundred and fifty feet; and then comes one thousand seven hundred and fifty feet of porphyry; again three hundred and ten feet of trachyte. It is calculated that the tunnel will be completed to the Comstock lode in from two to two and a half years from the present time, providing no unlooked for obstacles are met with in the prosecution of the work.

MILLS.

The following list of quartz and tailing mills was made by Mr. George McFadden, County Assessor:

Name.	Situation.	Capacity, tons.	Stamps.	Condition.
Devil's Gate.....	Silver City.....	24	12	running
Pioneer	Silver City.....	30	15	running
Bacon	Silver City.....	40	20	running
Trench	Silver City.....	40	20	running
Horn	Silver City.....	20	10	running
Kelsey.....	Silver City.....	30	15	running
Golden Age.....	Silver City.....	10	5	running
Hope	Silver City.....	20	10	running
Excelsior.....	Gold Cañon	20	10	running
Sacramento	Gold Cañon	25	12	idle
Swansea.....	Gold Cañon	25	12	idle
Atlanta	Gold Cañon	20	10	running
Keystone	Gold Cañon	30	Tailings.	running
Bureka.....	Carson River...	120	60	running
Franklin	Carson River...	40	20	running
Woodworth.....	Carson River...	48	24	running
Island.....	Carson River...	20	10	idle
Carson Valley	Carson River...	300	Tailings.	running
Desert	Carson River...	25	Tailings.	running
Birdsall & Co.....	Dayton	300	Tailings.	running
Reservoir.....	Dayton	50	Tailings.	running
Rock Point.....	Dayton	112	56	idle
Spring Valley.....	Spring Valley...	20	10	running
Daney	Spring Valley...	30	15	idle

A008442

DEVIL'S GATE DISTRICT

Is situated in Gold Cañon. Silver City is about its central point. The mines here were worked several years ago, but for a long time they were idle, and some of them abandoned. Work, however, has been resumed here lately, and the prospects of this district never looked more encouraging than the present.

DAYTON.

This mine is located in Silver City, on the south side of the cañon. The old works on this mine are a tunnel, in which a shaft was sunk two hundred feet. A new shaft has been started, which has reached a depth of one hundred feet. New steam hoisting works are to be erected over it in the Spring. Ore from this mine is extracted in sufficient quantities to keep the Atlanta Mill—ten stamps—constantly running. This is one of the earliest locations in the district. Nothing was done on it for a number of years. During the past Summer work was resumed—the old works cleaned out, and a new shaft commenced.

BUCKEYE.

This mine is located one mile east of Silver City, in Long's Ravine. It is also one of the old locations. Steam hoisting works have been in use here, but everything was abandoned, and nothing done for a long time. Two years ago work was resumed, and new steam hoisting works were erected. An incline is down a distance of six hundred feet. Two mills, Horn and Hope, each ten-stamp, are supplied with ore from this mine. Water in considerable quantities is found, requiring an eight-inch pump to keep the mine clear. This water is carried by flumes around to Silver City, and supplies the Bacon and Trench Mills.

COOK & GEYER.

This mine is located about three quarters of a mile north of Silver City. A great amount of work was done on it last Summer, and the ore obtained here kept the Franklin Mill running. It has been idle for the last three months, but work will soon be resumed again.

DANEY.

This mine has been abandoned. Some good ore was here near the surface, and worked out years ago. Since that time hundreds of thousands of dollars have been expended in prospecting for other bodies of ore, but nothing of any consequence has been found. Work has been stopped and renewed again several times. During the excitement of last Spring the owners were again inspired with the hope of finding something in this mine, but after several months of work they have given it up and will remove the hoisting works and other material of value.

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MILLS.

I am indebted to Mr. Samuel Doake, of Virginia City, who has kindly prepared the following tabular statement of the mills in Storey County:

Name of Mill.	No. of Stamps.	No. tons per day.	Location.	Crushing Ore, from.
Boston	5	.....	Gold Cañon.....	Empire, Gold Hill
Ione	5	15	Gold Cañon.....	Crown Point Croppings
Succor	15	25	Gold Cañon.....	Idle
Ramsdale	2	5	Gold Cañon.....	Woodside
Pacific	30	70	Gold Cañon.....	Belcher
Pappoose.....	5	14	Gold Cañon.....	Gold Hill Croppings
Piute	20	50	Lower Gold Hill..	Idle
Douglas	15	30	Lower Gold Hill..	Empire, Gold Hill
Atlas.....	15	45	Lower Gold Hill..	Savage
Petaluma	24	75	Lower Gold Hill..	Crown Point
Sapphire	15	40	Lower Gold Hill..	Crown Point
Rhode Island.....	25	50	Lower Gold Hill..	Crown Point
Gold Hill Quartz.....	8	18	Lower Gold Hill..	Idle, out of wood
Sunderland.....	10	25	Lower Gold Hill..	Belcher
Hoosier State.....	18	40	Virginia	Savage
Sierra Nevada.....	20	50	Virginia	Sierra Nevada
Evans.....	5	13	7-Mile Cañon.....	Savage
Mariposa.....	12	30	7-Mile Cañon.....	Hale & Norcross
Sacramento & Meredith..	20	50	Cedar Hill.....	Idle
Winfield.....	20	50	7-Mile Cañon.....	Chollar
Atlantic.....	12	30	7-Mile Cañon.....	Idle
Landy.....	20	50	7-Mile Cañon.....	Chollar
De Lands	15	35	6-Mile Cañon.....	Idle
Nevada	20	50	Virginia	Chollar
Empire State.....	15	40	6-Mile Cañon.....	Idle
Park & Bowie, No. 1 .....	.....	.....	6-Mile Cañon.....	Tailing Mill
Park & Bowie, No. 2 .....	.....	.....	6-Mile Cañon.....	Tailing Mill
Occidental.....	20	50	Silver Star Dist..	Tailing Mill
Lady Bryan.....	10	.....	6-Mile Cañon.....	Idle
Total, 29 mills.....	399	1,001		

WASHOE COUNTY.

This county is north of Ormsby. It takes its name from a tribe of Indians who inhabit the western portion of the State. A few mining districts have been organized within its boundaries, at different times, but none of them have ever been a source of much profit. The wealth of this county consists chiefly in its agricultural resources and timber lands. Formerly, the streams of water flowing from the cañons in the Sierras into Washoe Valley were made available for milling purposes, in reducing the ores from the Comstock; and at one time no less than ten mills, having an aggregate of two hundred and eighty-one stamps, were in active operation in this county—some of these, moreover, were of the largest size, and first-class in all their appliances. The Ophir Company's Mill, of seventy stamps capacity, and built at a cost of a half million dollars, and Dall's Mill at Franktown, having sixty stamps, were among

the first mills in the State. Since the completion of the Truckee Railroad, however, ore can be delivered so much cheaper to the mills on the Carson River, that with the exception of the Truckee Mill, near Reno, and one or two tailing mills in Washoe Valley, nearly all these mills have been dismantled and abandoned.

RENO

Is the county seat, and is situated on the line of the Central Pacific Railroad. From this point all supplies used in the southwestern section of the State are forwarded, as well as to Douglas, Ormsby, Lyon, and Storey Counties. It is pleasantly located on the banks of the Truckee River, and has many natural advantages for maintaining itself as a prosperous town.

WADSWORTH

Is situated thirty-five miles further east, on the line of the railroad. There are located here the repair and machine shops for the Truckee division of the Central Pacific Railroad. From this point freight is shipped to Belmont, Ellsworth, and Columbus; and all the soda and borax obtained in Churchill and Esmeralda Counties are forwarded to this place for shipment to the markets.

WASHOE CITY.

Formerly the county seat, Ophir, and Franktown, since the decline of milling enterprises in this county, are not so flourishing as they were some years ago.

The following interesting description of the agricultural and other resources of this county has been condensed from the columns of the *Nevada State Journal*, a well edited weekly newspaper published at Reno:

It may be said that Washoe County embraces an area of one thousand five hundred square miles and that of this extent not less than from eight hundred to one thousand square miles will ultimately be found valuable for agricultural and grazing purposes. We think we are speaking within proper bounds of truth, for, in fact, it is difficult to say what noticeable portion of the entire county is not to a greater or less extent fit for grazing. Of the fine arable land (by which we mean land so situated, of proper richness, that crops may be raised by irrigation) we think that there are between three hundred and four hundred square miles. Notwithstanding the rather extensive reclamation and cultivation of lands in Washoe Valley and Truckee Meadows, we do not believe that one fourth of our arable lands have been yet tested to anything like their reasonable capacity for farming operations. The surface of the county alternates in mountain range, valley, hill, and lake. The eastern range of the Sierra Nevada Mountains were ten years ago clothed from valley to summit with forests of excellent pine timber. Since then, great inroads have been made among these fine trees for the procuring of lumber, mining timber, and wood, but enough yet remains in the southwestern portion of the county to form an extensive source of supply for the same purposes, and all accessible to labor and capital. The extreme southwest corner of the county is found within the limits of the remarkable and beautiful Lake Tahoe,

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NEVADA:

THE

LAND OF SILVER.

BY

JOHN J. POWELL,

AUTHOR OF

"The Golden State and its Resources."

SAN FRANCISCO:

BACON & COMPANY, BOOK AND JOB PRINTERS,

Corner Clay and Sansome Streets.

1876.

many varieties; but in the chemistry of the operation there has been no change.

The foregoing description of the various milling processes by which the precious metals are extracted from the ore may be appropriately followed by a tabular statement of the number of the mills themselves, their capacity, etc., etc.

A List of Quartz and Tailing Mills

IN

LYON, ORMSBY, AND STOREY COUNTIES, NEVADA.

LYON COUNTY.

NAME.	SITUATION.	TONS CAPACITY.	STAMPS.
Devil's Gate	Silver City ..	24	12
Pioneer	"	30	15
Bacon	"	40	20
Trench	"	40	20
Horn	"	20	10
Kelsey	"	30	15
Golden Age	"	10	5
Hope	"	20	10
Excelsior	Gold Cañon .	20	10
Sacramento	"	25	12

STOREY COUNTY.

NAME.	LOCATION.	MOTIVE.	STAMPS.	TONS PER DAY
Boston	Gold Cañon ...	Steam	5	...
Ione	"	"	5	15
Succor	"	"	15	25
Ramsdale	"	"	2	5
Pacific	"	"	30	70
Pappoose	"	"	5	14
Piute	Lower Gold Hill	"	20	50
Douglas	"	"	15	30
Atlas	"	"	15	45
Petaluma	"	"	24	75
Sapphire	"	"	15	40
Rhode Island	"	"	25	50
Gold Hill Quartz	"	"	8	18
Sunderland	"	"	10	25
Hoosier State	Virginia	"	18	40
Sierra Nevada	"	"	20	50
Evans	Seven-mile Cañ.	"	5	13
Mariposa	"	"	12	30
Sacramento & Meredith	Cedar Hill	"	20	50
Winfield	Seven-mile Cañ.	"	20	50
Atlantic	"	"	12	30
Landy	"	"	20	50
De Lands	Six-mile Cañon.	"	15	35
Nevada	Virginia	"	20	50
Empire State	Six-mile Cañon.	"	15	40
Park & Bowie No. 1 ..	"	"	..	..
Park & Bowie No. 2 ..	"	"	..	..
Occidental	Silver Star Dist.	"	20	50
Lady Bryan	Six-mile Cañon.	"	10	..

Quarterly Assessment Roll of the Proceeds of Mines, (Ores.) Tailings, and

Date of Payment.	NAMES OF OWNERS.	DESCRIPTION AND LOCATION OF MINE.	No. of Tons extracted for the Quarter ending	
			Tons.	Pounds
Paid Sept 6 /77	Belcher Mining Company	Mining Claim in Gold Hill	5.837	
Paid Sept 10 /77	California " "	" " " Virginia	49.967	100
Paid Sept 10 /77	Consolidated Virginia " "	" " " "	39.777	150
Paid Sept 6 /77	Charles Potosi " "	" " " "	9.104	
Paid Sept 11 /77	Justice Mining " "	" " " Gold Hill	40.775	130
Paid Sept 6 /77	Ophir " "	" " " Virginia	2.660	
Tailings				
Paid Aug 20 1877	Express Mill	Situated in Six Mile Canon	2808	
Paid Sept 6 1877	Mariposa "	" on Geiger Grade	3689	
Paid Sept 6 1877	Omega "	" in Six Mile Canon	7939	
Paid Aug 25 /77	George Jennings	" " " " "	540	
Paid Aug 20 1877	Railroad Mill	" " " " "	3315	
Paid 8/6 /77	C. C. Stevenson Mill	" " Lower Gold Hill	3387	
<div> <div> State of Nevada } ss County of Storey </div> <div> I, Fred D. Nichol County Auditor of Storey County State of Nevada do hereby certify that the foregoing is as true and correct statement of the Proceeds of mines and mills of Storey County for the Quarter Ending June 30. 1877 as taken from the Original lists for said Quarter. I further certify that I have extended the State and County taxes thereon and have charged the same to the assessor of Storey County Witness my hand and official Seal this 27th day of July 1877 Fred D Nichol Auditor Storey Co Nev </div> </div>				

Mineral-Bearing Material for the Quarter ending June 30 1877

Value per Ton.	Gross Yield or Value.	Actual Cost of Extracting.	Actual Cost of Transportation to place of re- duction or sale.	Actual Cost of reduction or sale.	Total Cost.	Amount deducted as provided by law.	Net Yield or Value on which Taxes are levied.	Total Amount of Tax.
23	134.752 60	178.838 30	56.124 50		234.962 80	80%	26.950 52	552 49
92	4.627.456 25			1.473.927 19	1.473.927 19		3.153.529 06	64.647 35
95	3.775.362 42			1.186.345 57	1.186.345 57		2.589.016 85	53.074 85
15	145.489 49	91.167 56		91.040	182.207 56	80%	29.097 90	596 50
13	743.062 66	293.584 94		448.532 15	742.117 09	80%	148.612 54	3.046 56
29	78.473 93	26.600		23.940	50540		27.933 93	572 65
							75975140 80	122490 40
9	25.276 90		20.873 65		20.873 65		4.403 25	90 27
14	53.706		31.256 24	3.689	34.945 24		18.760 76	384 60
8	70.880 63		53.779 68	7.939	61.718 68		9.161 95	187 82
10	5.670			5.400	5.400	90%	567	11 62
9	29.836 42		23.327 21		23.327 21		6.509 21	133 41
14	50.009 67	27.096	25.705 0	23.857	53.523 50	80%	10.001 93	205 04
							449404 10	1012 79
							123.503 19	

State of Nevada } s.s.

County of Storey

Anthony Fox being duly sworn deposes and says that he is the assessor of the County of Storey State of Nevada that as such assessor he has in conformity with the Statutes of the State of Nevada in such cases made and provided marked the word "Paid" opposite the name of each person firm Corporation association or Company and all proceeds of the mines assessed on the quarterly assessment Roll of the Proceeds of Mines for the Quarter commencing April 1st. 1877 and ending June 30th. 1877 on which taxes have been paid

Subscribed and Sworn to
before me this 10th day of September
A. D. 1877

Jos. D. Michal
Auditor

Anthony Fox
Assessor of Storey County
Nevada

120137

Comstock Mining and Miners

by Eliot Lord



A reprint of the 1883 edition.

Appropriate illustrations have been added to augment the text.

With Introduction by
DAVID F. MYRICK

HOWELL-NORTH
Berkeley, California
1959

A008046

by producing heat and certain serviceable electrical conditions through the instrumentality of friction, and by substituting iron for the more costly metal (mercury) as an absorbent of the freed chlorine.

The patterns from the castings furnished by Brevoort had scarcely been made when the device of a third inventor was brought to the Miners' Foundry.¹ Selin E. Woodworth, of San Francisco, had conceived the idea of a pan in which steam should be introduced into the pulp through the hollow arms of a revolving muller. Orders were given to the Miners' Foundry on March 29, 1860,² for working pans of this pattern by the inventor and the firm of Ward, Curtis & Woodworth, who had a quartz mill at North Beach, San Francisco, at the time.

On the combination of the principles outlined by the inventors of these early pans the Washoe pan process is based. In the Spring of 1860, however, their designs were still uncombined and crude. Brevoort did not contemplate the introduction of steam, and the mullers of Woodworth and Knox were light and not intended for service as grinding instruments. When the first order was given for mill machinery to be shipped to the Washoe mining district, the proprietors of the Miners' Foundry were not prepared to recommend any more serviceable pans than that invented by Mr. Knox.

Almarin B. Paul, an enterprising mill-owner in the city of Nevada, Cal., had been strongly urged by his friends, who had bought claims in the Washoe district, to build a mill in the vicinity of the mines and attempt the reduction of the ore from the ledges.³ Impressed by their representations, he visited the district in the autumn of 1859 and took back with him to his mill in California sample sacks of the ore from the mines of the Mexican and Ophir companies. After a few careful experiments in reducing this selected quartz he determined to undertake its reduction on a large scale. His venture was a hazardous one. To capitalists generally it seemed a foolish investment. The leading assayers of San Francisco laughed at his project and predicted failure; the Ophir and Mexican companies refused to make contracts with him for the reduction of their ore, although hundreds of tons of quartz were lying on the

¹ W. H. Howland, H. B. Angell. ² Order Book, Miners' Foundry, 1860. ³ Almarin B. Paul, 1880.

surface of their claims rich in gold and silver yet too poor to pay the cost of removal and smelting, but, in spite of all obstacles, Paul's resolution was unshaken. He persuaded some friends to unite with him in subscribing the requisite capital, and the Washoe Gold and Silver Mining Company No. 1 was formed in the month of March, 1860.¹

Under their direction Paul began at once to build the proposed mill. The crushed ore could not be reduced without water, but the little streams flowing down the cañons were already held by parties of miners and a fresh supply must be obtained from some quarter. Four miles south from Virginia City, near Gold Cañon, was a little basin, the centre of drainage from the surrounding hills. With the quick eye of a practical mill-man this spot was selected as a building site. A shaft was sunk to the depth of 50 feet and a cross-drift cut in the bed-rock 100 feet in length. Water trickled into this T-shaped chamber until the well was nearly full, and one difficulty was thus removed. Meanwhile contracts were secured from owners of claims on Gold Hill to crush and reduce 9,000 tons of ore at from \$25 to \$30 per ton—if the quartz would yield a surplus profit to the owners at this rate.

In order to obtain this concession Mr. Paul was obliged to pledge the completion of his mill in sixty days from the date of the signature of the contracts, June 12, 1860. Work on the mill-site had been begun on May 25, 1860; the mill machinery had been ordered, by letter dated Virginia City June 7, 1860, of Howland, Angell & King, and the order had scarcely been received when the contracts were signed; still, he did not hesitate to take the risk, but pressed the work with all possible energy. The San Francisco firm rivaled him in dispatch. The completed castings were forwarded by steamer to Sacramento, and from that point by wagon-trains over the Sierras. Through the snow, rocks, and mire of the old emigrant trail the straining mules, urged on by curses and blows, dragged the iron freight to the basin in the hills, where he was anxiously awaiting its arrival. He had built rude stone foundations for the stamp-batteries and was covering the walls of a rough framework shed over them with boards from

¹ Henry de Groot's "Pioneer Mills and Mill Men." Company formally incorporated June 11, 1880. Almarin B. Paul.

A008066

a forest twenty miles away. The distance was not great, but this lumber was cut on a mountain slope, hauled to a saw-mill overpressed with work though running night and day, and at length dragged up a rocky cañon to the site of the mill, where it was put together with nails brought on the backs of mules across the mountains. The cost of transportation from San Francisco to the mill far exceeded the original cost of the machinery, ranging from 13 to 25 cents per pound. Lumber was \$60 per M at the saw-mill, and this price was more than doubled by the added charge for delivery at Gold Cañon. These extraordinary expenses did not delay the work of construction, for the mill must be completed at any price within the allotted time. So rapidly did Paul and his men carry on the task that the first steam-whistle heard on the eastern slope of the Sierras was blown by his engineer, William H. Baker, on the 9th of August, and the 24-battery stamps of his mill began to crush ore on the 11th of the same month, the last day allowed for the fulfillment of his contract.¹

Toward the close of the work he had been pressed hard by two other enterprising mill owners, Charles S. Coover and Elias B. Harris, who exerted themselves in friendly competition to gain the honor of erecting the first mill in the district.² Their mill was a smaller one, containing one battery of eight stamps only, but their machinery was ordered later, June 21, 1860, and the contest for precedence was so close that their machinery was set in motion three hours after Paul's mill began work.³

These two mills were thus completed, but the question of their serviceability was yet unanswered. The first ore worked was five tons of tailings, refuse rock previously discarded by men who had attempted to reduce it in arastras and rockers, from the claim of Rice & Co., on Gold Hill, a portion of the 50 feet located by James Finney. The mortar or bed of the battery was surrounded by a wire bolting-cloth, through which the ore

¹ Almarin B. Paul; Virginia City Territorial Enterprise, August 11, 1860. William H. Howland, San Francisco, Cal.; Comstock Papers, No. 15; Mining and Scientific Press, February 3, 1877.

² In October, 1859, a small frame battery of four stamps had been placed on the Carson River, near the foot of Gold Cañon, by two Californians, Hugh Logan and J. P. Holmes. The stamps were lifted by horse-power and crushed ore until the work was stopped by storms, for there was no mill building or shelter over the battery. This was unquestionably the first stamp battery brought across the Sierras, but it could only be called a mill by courtesy. (J. R. Logan, brother of Hugh Logan, and several old residents of Dayton, Nevada. The Big Bonanza, p. 69. Nevada Directory, 1863, J. W. Kelly, compiler.)

³ Wm. H. Howland; testimony under oath; Sacramento Union, August 15, 1860.

crushed dry was dashed in a misty cloud by the fall of the stamps, dropping on a platform outside. Here the powder was dampened sufficiently to admit of its removal in shovels to the pans, where it was mixed with water and mercury, and the pulp thus formed was ground by the revolving mullers.¹ Each pan held about 300 pounds of ore and 40 pounds of mercury, and with each charge a pint of salt and a few ounces of copper filings or sulphate of copper were used.² Water was conducted to the pans by pipes leading from a tank heated slightly by the exhaust steam from the driving-engine. The copper cross-boards in the pans were scraped twice a day, and the amalgam collecting at the bottom of the pan was drawn off at intervals through a discharge hole. When a sufficient quantity was thus obtained it was strained through a buckskin bag until the liquid mercury was pressed out and a pasty mass was left in the bag ready for retorting. Placed in a closed iron vessel over a fire this paste was steadily heated until the remaining mercury passed off in vapor through a pipe into a condensing chamber, where, upon cooling, it assumed its original metallic form. The bullion alloy of gold and silver remained in the retort.

This process was watched by Paul with natural anxiety. Failure had been so persistently predicted that his associates in the company had become disheartened, and he had resorted to entreaty, ridicule, and protest in order to induce them to hold to their contract. His pride and purse were alike staked on the issue of the trial. Accordingly, he awaited eagerly the report of the Virginia City assayers, Ruhling & Co. The five tons yielded \$84.56 (gold, .954 fine, valued at \$63.63; silver, .810 fine, valued at \$20.93,) or an average return of \$16.91 per ton. This product from refuse ore was accounted satisfactory, and he proceeded to crush and reduce ten tons of average rock from the same claim, which yielded in gold \$387.02 and in silver \$163.97—in all \$550.99, or \$55.07 per ton.

Interest in the work was then awakened throughout the camp. The Lucerne Company desired a test, and ten tons of selected quartz from their ledge produced \$1,427.91, or \$142.79 per ton. Joseph Plato sent

¹ J. W. Simonton, Corresponding Editor San Francisco Bulletin, September 20, 1860.

² Almarin B. Paul, San Francisco, Cal.

Historical Society

SECOND DIRECTORY
OF
NEVADA TERRITORY;

EMBRACING A

GENERAL DIRECTORY OF RESIDENTS

OF ALL THE PRINCIPAL TOWNS;

BUSINESS DIRECTORY OF ADVERTISERS;

QUARTZ MILLS, REDUCTION WORKS, TOLL ROADS, ETC.;

OFFICERS OF THE MASONIC, ODD FELLOWS AND SONS OF TEM-
PERANCE ASSOCIATIONS; MEMBERS WASHOE STOCK BOARD
OF EXCHANGE; FIRE DEPARTMENT;

INCORPORATION ACTS OF VIRGINIA AND GOLD HILL;

AND ALL OTHER INFORMATION CONNECTED WITH THE PROGRESS AND PRESENT
CONDITION OF THE TERRITORY;

ALSO,

AN ACCURATE TABLE OF DISTANCES; LIST OF PUBLIC OFFICERS; AND
PRINCIPAL MINING LAWS OF DIFFERENT DISTRICTS; WITH
THE RESIDENTS AND PRINCIPAL MINES, MILLS,
ETC. OF THE

REESE RIVER REGION.

COMPILED FROM THE MOST RECENT AND AUTHENTIC SOURCES,
BY J. WELLS KELLY.

VIRGINIA: A008097

1863.

Printed by Valentino & Co., 517 Clay and 514 Commercial Streets, San Francisco.

a portion of that lead; so nearly did these ill-faring but well-deserving men—dreamers in that day, seers in this—attain to fame and fortune in becoming the finders of the great Comstock Ledge.

None of the old residents were aware of the existence of this excavation, though they knew these men had been at work in this neighborhood. It is a curious circumstance that this shaft having been re-opened in 1860, the remains of a female were found at the bottom of it, but whether they were those of a white or Indian, or how they came there, no one could tell. The opening now goes by the name of the "Lost Shaft."

There are various other interesting reminiscences connected with the early history of the region embraced within the limits of these two counties, and which, if space allowed, we should be glad to enlarge upon. Here, at a point on Carson River thirty miles below Dayton, was the scene of the Williams Massacre, which led to the Indian war in the Spring of '60, that resulted so disastrously to the whites, and prostrated for the time being, every interest in the country: here belongs, in good part, a narration of the sufferings and losses of the early immigrants, and here was the theater of many a bold exploit on the part of the trappers who first pushed over the Rocky Mountains—while many an Indian legend and tale of heroism might be told of the tribes who at a former day inhabited this section. But all this must be left to the future chronicler of these primitive times, while we pursue our task of pointing out what, though perhaps less entertaining, is of more immediate use.

Mines, Etc.

As has been stated, there are several mining districts, containing numerous quartz ledges, within the borders of these two counties. Of these ledges, the following, and perhaps many others, are entitled to mention, because of their manifest value; the large amount of work which has been performed upon them, or some other circumstance, tending to give them notoriety: First is the Daney Ledge, of which mention is made on a preceding page, and it being so well known, we need not dilate upon it any further. Near the Daney, in Spring Valley District, are a number of claims possessing more

or less value because of their supposed location on the same ledge; of these the Cany, named after Col. Cany, the original locator, stands first—the Independence, Emigrant, White & Co., Maid of Erin, Ellsworth, Union, Fashion, Gov. Nye, United States, Wapella, Silver City, North America, Buckeye, Pride of the West, Mount Hope, Gold Bluff, Dorence, Wayne, American, Señorita, "Lost Shaft," Vermilion, Del Rey, Chenango, Downs, Sarah Bladen, Twin Lode, Henry Gratton, Florence, Josephine, Washington, Bunker Hill, Daney No. 2, Telegraph, Eureka, Antelope, and Harmonium, all with extensions. Besides the above, in this same district, are situated the celebrated claims of the Jewel Company, who intend shortly to erect a large mill near the mine, the Winnemucca, Marshal Ney, Perseverance, Columbia, Robert Emmet, Harem, Cornwall, Dundee, Hawley, Eclipse, Glencoe, Yucatan, Shamrock, Smith O'Brien, Mount Vernon, and many others equally valuable. The incorporation of such a number of companies whose mines are located in this district, in most cases altering the original names of the claims, is our excuse for any omissions we may have made. Suffice it to say, we consider the mines of this and neighboring districts, as equal, if not surpassing any other in the Territory.

SILVER CITY.—Quartz Mills.

PIONEER MILL.—Is situated at Silver City, immediately below the Devil's Gate. It is the first quartz mill ever put up, as well as started, within the limits of Nevada Territory, having commenced running August 13, 1860. It was erected under the superintendence of Mr. Almarin B. Paul, who has since continued to conduct its operations with credit to himself and profit to the owners, of whom he is one. The machinery is driven by a forty horse power steam-engine, working thirty-two stamps, and having a capacity to crush thirty tons of rock per day. It gives employment to fifteen men, and uses twenty-four amalgamating pans with Paul's Concentrating Tables.

PIONEER QUARTZ CO.'S MILL, in Gold Cañon, near Devil's Gate, has a forty horse power steam-engine, running three five-stamp batteries, crushing twenty tons of rock per day. Work

ten men in two changes. Company use Knox's Amalgamator, together with an improvement of their own in the muller, and in the steam die, answering as a false bottom and heater in working for silver. Will shortly crush rock from their own claim at Gold Hill. Messrs. N. P. Sheldon, J. A. Todman, H. N. Todman, W. Surryhne, and W. B. Hickok, proprietors; J. A. Todman, Superintendent; N. P. Sheldon, Secretary.

KNICKERBOCKER MILL.—Owned by Messrs. H. B. Jones and C. L. Sherman, is situated on Gold Cañon, near American Ravine, and was but lately started, with five stamps and two seven-foot amalgamators, working for both gold and silver, driven by a thirty-two foot water wheel. Small though it is at present, the proprietors intend shortly to enlarge its capacity, so that it will compare favorably with other mills in the Territory. C. L. Sherman, superintendent.

BURKE & CO.'S MILL.—Formerly McNulty's Mill—is situated at the junction of Gold Cañon and American Ravine, in the lower end of Silver City. It was the second quartz mill started in the Territory, and has always been run with success. It is at present owned by Burke, Hillyer & Brevoort, the latter being superintendent. It is driven by steam; has five stamps, with a grate battery; two of Brevoort's Grinders, working on the principle of the grist mill, and crushing the coarser rock not passing through the grates. It is also furnished with ten of Brevoort's Grinders and a ten-foot arastra, and crushes about ten tons per day. Like Paul's Mill, this cost a large sum, having been put up when everything was expensive.

SPARROW & TRENCH GOLD AND SILVER MINING CO.'S MILL is situated on American Ravine, next above Brevoort's Mill. Built in the summer of 1860; building ninety by seventy-five feet. This mill has been greatly enlarged since our last publication, and may now be considered one of the best in the Territory. It has twenty stamps, propelled by an engine of thirty horse power, from the celebrated Goss & Lambard Sacramento Iron Works, and is a splendid piece of workmanship. The mill uses two of Brevoort's Grinders, and crushes twenty-five

tons of rock per day. Has sixteen seven-foot pans in the amalgamating department. Works for both gold and silver. The rock crushed by this mill is taken from the Company's claim at Gold Hill. Employ eighteen hands, working night and day (Sunday excepted). Superintended by Joseph Trench.

SILVER CITY QUARTZ MILL CO.—Is located a little above Trench's Mill, and has a thirty-five horse power steam-engine; five stamps; two Brevoort's Grinders; crushes ten tons per day. Amalgamates with nineteen Brevoort's pans, saving both gold and silver, and by a process of their own. This mill commenced running in February, 1861, and cost about thirty-five thousand dollars. F. J. Mette, superintendent.

UNION MILLS, situated on American Ravine, a short distance above the Silver City Mill, has two five-stamp batteries, driven by a splendid engine of forty horse power, crushing sixteen tons of ore per day. In the amalgamating department there are eight seven-foot wooden tubs and one small Wakelee pan, working for both gold and silver. Employ ten hands, and superintended by J. C. Currie.

KELSEY'S REDUCTION WORKS.—(Melville Kelsey and S. W. Collins, proprietors)—situated on Gold Cañon, immediately opposite Brevoort's Mill. Have a forty-horse power engine from Goss & Lambard's Iron Works, Sacramento, driving fifteen stamps, crushing twenty tons of ore per day. This company have a contract with the Gould & Curry Mine, and are thus enabled to keep their mill constantly running. The most modern improvements have been introduced into the amalgamating department. Employ nine men, and work for both gold and silver. The owners being practical millmen, superintend the working of the establishment.

EASTERN SLOPE MILL.—Situated at Silver City, one quarter mile below the Devil's Gate. Has twelve double-stemmed stamps, driven by a forty horse power steam-engine, from the Pacific Foundry, and crushes twenty tons of rock per day. Employ twelve hands.

THE PHOENIX MILLS are situated on Gold Cañon, about one half mile below Silver City, at the junction of the Dayton and Silver City roads. The old mill has four batteries, containing sixteen stamps, of which eight are the old-fashioned wooden ones, and eight iron. It is arranged for gold ores, or ores in which gold is the more predominant metal, and has, therefore, thirty-two Hungarian bowls for amalgamating—two for each stamp—and four percussion tables,—one for each battery, for concentrating tailings, which are worked afterwards in two Chilian mills on the premises. Steam power is used, and with eight men employed, can reduce from twenty to twenty-four tons of ore, according to its quality.

The new mill, a very substantial building one hundred feet by eighty, contains twenty stamps in four batteries, driven by a seventy horse power engine, with two double flue boilers, twenty-eight feet long and forty-two inches in diameter. It is arranged entirely for their best Washoe silver process, and has twenty-two amalgamating tubs, each six feet diameter, and twelve, five feet diameter, with the necessary compliment of settling vats for the pulp. Has the capacity to reduce twenty-eight to thirty tons of ore in twenty-four hours. This mill is intended for forty stamps, and it will be enlarged to its fullest extent as soon as the supply of ore will warrant it. On the premises are two stone buildings, and several frame ones; one of the stone buildings is used as the office of the company, and the other contains the assay office and blacksmith shop; and in the upper story the sleeping-room for the hands. Adjoining this last building, is the retorting room. The frame houses, of which one is the boarding house, are used as the dwellings of the proprietor and men engaged in the mills. There are ten acres of ground surrounding the company's works; and from their situation on the cañon, they have all the necessary supply of water for steam power, which is collected and clarified in two reservoirs on the premises. This mill employs eighteen men.

DODGE & MERCHANT'S MILL.—E. K. Dodge and S. D. Merchant, proprietors. Is situated at the junction of Rock Point Mill and Dayton roads. Worked by an eighteen horse

power steam-engine, from Goss & Lambard's Iron Works, Sacramento. Has eight stamps, and crushes twelve tons per day—custom work. Employs fourteen hands, and uses the Estes Process, working for all the precious metals. The main building, ninety-five by thirty-five feet. Charles A. Chapin, superintendent.

SWANSEA MILL AND MINING COMPANY.—Messrs. John Tregloan, S. M. Johns, L. H. Long, and C. F. Goodrich, proprietors. Situated in Gold Cañon, a short distance below the Dodge & Merchant Mill, and being on the main road to Dayton, its location is a very desirable one. It has twelve double-stem stamps, fifteen treating pans six feet in diameter, and three of five feet diameter, driven by an engine of twelve-inch cylinder and three feet stroke. Boiler is twenty-four feet long, by forty-two inches in diameter, and has five nine-inch flues. The process used is the modern steam, formerly known as the "Sage Brush." The cost of the mill was forty-five thousand dollars. Employ twelve men, and crush sixteen tons of rock per day.

EXCELSIOR MILL.—Situated a little below the Swansea. Is driven by a forty-five horse power steam-engine, built at the Vulcan Iron Works, San Francisco. Has eight double-stemmed stamps, weighing nine hundred pounds each, crushing ten tons per day—soon to have its present capacity doubled. Purchase rock and crush for customers; work for both gold and silver. This mill, like many others, displays great improvements in the amalgamating department, the proprietors having lately added all the most modern inventions, and it is now a first class mill. Messrs. Briggs, Thomson, and Johnson, proprietors. John Briggs, superintendent.

SACRAMENTO QUARTZ MILL CO.—Messrs. David B. Hunt, J. W. L. Hunt, and Col. D. H. Whepley, owners—is situated on Gold Cañon, near Johnstown, and has eighteen stamps, crushing thirty tons per day. Purchase rock and crush for customers, though the company own a mine from which they will shortly extract sufficient ore to keep their mill constantly

Walter Belmont
To
Miss Washoe Gold & Silver Mining Co. No 1

In Gold Canon
Notice

We hereby give notice, that we claim all the water running in Gold Canon, between Horns & Coovers Mill seat, near Gold Hill and the Devils Gate Mill of our company, and have taken up, and are now appropriating the same for mining purposes and hereby give notice that the same must be kept free from adulteration by Miners or others.

Gold Hill Utah Territory.
Feb 15th 1861.

Washoe Gold and Silver Mining Co. No 1
By Almarin B. Paul
Agent

Territory of Utah
County of Canon.

On this Sixteenth day of February A. D. One Thousand Eight Hundred and sixty one before John Wilson Greer, a United States Commissioner in and for the Second Judicial District of Utah Territory, personally came the within named Almarin B. Paul whose name is subscribed to the within instrument as party thereto, personally known to me to be the individual described in and who executed the foregoing instrument and who acknowledged to me that he executed the same freely and voluntarily and for the uses and purposes therein mentioned.



In Testimony Whereof, I have hereunto set my hand and official Seal the day and year first above written.

John Wilson Greer
U. S. Commissioner.
Utah Territory.
Filed Feb 18/61 at 11 A.M.
Rec Feb 18/61 at 1 P.M.

Martin V. Smith
To
H. G. Haskell.

Real Estate Deeds

This Indenture made the 14th day of Feb. (1861), in the year of our Lord one thousand eight hundred and sixty one, Between J. C. Martin and Stephen Smith of Canon County, Utah Territory of the first part, and H. G. Haskell of the same place of the second part, Witnesseth that the said party of the first part, for and in consideration of the sum of Five hundred Dollars to them in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, Has remised, released and quit - claimed, and by these presents do remise, release and quit claim unto the said party of the second part all their right, title and interest in and to the following described property lying being and situate in Canon County, Utah Territory, to wit:

Known as Lot No (2) two Block thirty six, commencing at the North West corner of said Block, thence running South thirty four feet to the corner of Parker's hay field, thence East Eighty feet to alley, thence North thirty four feet, thence West Eighty (80) feet to the place of beginning.

Together with all and singular the tenements hereditaments and appurtenances therunto in anywise belonging, also, all the estate, right title interest whatsoever

131489

131489

ANNUAL REPORT
OF THE
SURVEYOR-GENERAL
OF THE
STATE OF NEVADA,
FOR THE YEAR 1865.

A008351

per belt, properly and generally known as the Walker River Copper Mines, though carelessly and indifferently explored, may safely be estimated to be 12 miles in width, commencing about 30 miles southeast of Dayton, and extending southerly beyond the limits of the county.

Among the most noted of the mines already discovered and located are the Constitution, Ward & Weister, and the Peacock. The Constitution has prominent croppings, which shows a ledge of 16 or 18 feet in width; the ore assaying from 20 to 30 per cent. in copper, with a large per centage of iron, and from \$15 to \$18 per ton in gold and silver. The Ward & Weister, adjacent to and parallel with the Constitution, is about six feet in width. The ore is pure gray sulphuret, containing native copper, assaying from 40 to 60 per cent copper, and from \$25 to \$30 in silver per ton. The Peacock ledge is situated about eight miles easterly from the Constitution, and three or four miles west of Walker River. Width of lode about four feet, yellow sulphuret ore, assaying about the same as the Constitution. In addition to the above, there are many other leads, of various size and richness, in the district, with which I am not sufficiently conversant at present, and of which I have not now time to make further mention. In this connection I would state that it would be difficult to obtain water within less than two miles of any of these mines, but that wood (the pinyon pine) may be had in large quantities at from six to ten miles of the mines. When transportation shall have become cheap, by railroad facilities or otherwise, or when reduction works shall have been erected to benefitiate the ore, these mines will constitute one of the leading features of the mining interest of our State.

LIST OF MILLS.

The following list embraces all the mills in our county. Thus showing that the advantages we have from water power on Carson River, and the abundance of wood in the immediate vicinity, that a large percentage of the ores reduced from the mines in Virginia District are reduced in this county:

NAMES OF MILLS.	When erected.	Capacity of engine, H. P.	Motive power.	Cords of wood.	Size of wheel.	Fall of water, feet.	Amount of water, in inches.	No. of stamps.	Weight of stamps.	No. of pans.	Nature of pans.	Crushing capacity, tons.	No. of men.	REMARKS.
Bacon.	1863	45	Water.	2	50 feet.		700	30	650	20	Wheeler	55	20	Face of wheel, 7 ft. Blake's Crusher, 80 tons per day.
Barrio.	1863	20	Steam.	6				20	650	17	Wheeler	30	15	A mine with mill.
Cole & Co.	1864	20	Steam.	3				5	550	8	Knox	9	5	
Devil's Gate.	1861	35	Steam.	3				8	480	4	Wheeler	3	5	
Danney Mill.	1863	45	Steam.	3				15	900	10	Hepburn	14	8	
Dayton Mill No. 1.	1861	45	Water.	6	8 feet.		1,500	15	500	15	Wooden tubs.	20	10	
Dayton Mill No. 2.	1864	45	Water.	1	37 feet.		100	15	800	8	Wheeler	20	10	
Eagle.	1862	45	Water.	5.5				16	400	8	Knock	15	10	Two heating or roasting furnaces.
Eastern Slope.	1861	40	Steam.	3				20	650	18	Hepburn	22	11	
Excelsior Mill.	1861	40	Water.	3				20	650	18	Knock	22	11	Blake's Crusher, 80 tons per day.
Franklin.	1861	40	Water.	3				20	650	18	Knock	22	11	
Golden Eagle.	1861	40	Water.	3				20	650	18	Knock	22	11	
Illinois.	1861	40	Water.	3				20	650	18	Knock	22	11	
Land.	1861	40	Water.	3				20	650	18	Knock	22	11	
Lindner & Co.	1861	40	Water.	3				20	650	18	Knock	22	11	
Metallurgical Works.	1861	40	Water.	3				20	650	18	Knock	22	11	
Monitor.	1861	40	Water.	3				20	650	18	Knock	22	11	
New York and Nevada.	1861	40	Water.	3				20	650	18	Knock	22	11	
Ophir.	1861	40	Water.	3				20	650	18	Knock	22	11	
Pioneer.	1861	40	Water.	3				20	650	18	Knock	22	11	
Phoenix No. 1.	1861	40	Water.	3				20	650	18	Knock	22	11	
Phoenix No. 2.	1861	40	Water.	3				20	650	18	Knock	22	11	
Palmyra.	1861	40	Water.	3				20	650	18	Knock	22	11	
Rock Point.	1861	40	Water.	3				20	650	18	Knock	22	11	
Sparrow & Trench.	1861	40	Water.	3				20	650	18	Knock	22	11	
Stannard & Co.	1861	40	Water.	3				20	650	18	Knock	22	11	
Swansea.	1861	40	Water.	3				20	650	18	Knock	22	11	
Smith, D. L.	1861	40	Water.	3				20	650	18	Knock	22	11	
Sacramento.	1861	40	Water.	3				20	650	18	Knock	22	11	
San Francisco.	1861	40	Water.	3				20	650	18	Knock	22	11	
Weston & Co.	1861	40	Water.	3				20	650	18	Knock	22	11	
Weston & Co.	1861	40	Water.	3				20	650	18	Knock	22	11	

ANNUAL REPORT
1866

OF THE

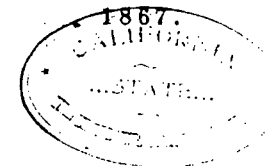
STATE MINERALOGIST

OF THE

STATE OF NEVADA

FOR 1866.

CARSON CITY:
JOSEPH E. ECKLEY, STATE PRINTER.



List of Mills in Nevada.

NAME.	Motive Power.	Cords of Wood per Day.	No. of Stamps.	Weight of Stamps.	No. of Pans.	Nature of Pans.	Crushing Capacity per Day, Tons.	REMARKS.
STOREY COUNTY.								
Atlas.....	steam	4½	15	600	8	Hepburn	25	
Atwood.....	"	4½	16		28-2	Knox, Wheeler	20	
Bay State.....	"	6	23		14	Wheeler	35	
Bower's.....	"	4	20	10-800 10-700	30	Knox	25	
Central.....	"	8	13		4	Hepburn	12	
Crown Point.....	"	5	8	500	8	Knox	8	
Comet.....	"	4½	16				20	
Douglas.....	"	4	10	650	28	Plain	16	
Eclipse.....	"	4	15		8	Hepburn	25	
Empire, No. 1.....	"	5½	21	650	29		30	
Empire, No. 2.....	"	8	16	650	12	Wheeler	32	
Empire State.....	"	5	15		20-2-2	Knox, Wheeler, Hepburn	15	
Gold Hill.....	"	3	14	8-600 6-750	24	Knox	17	
Granite.....	"							
Gould & Curry.....	"	20	80		39-3	Hepburn, Varney	100	Refitting.
Hoosier State.....	"	3½	8	750	24	Knox	12	
Imperial.....	"	6	44	600	74	Knox	30	
Land's.....	"	5½	20		10	Wheeler	15	
Mariposa.....	"	4	12		2-6	Knox, Wheeler	18	
Marysville.....	"	5	9		30	Plain	20	
Ordgen.....	"	6	22		12	Wheeler	50	
Pacific.....	"	8	30	650	15	Wheeler	26	
Petaluma.....	"	3½	16	700	18	Knox	30	
Piute.....	"	5½	20	650	12	Hepburn	40	
Rhode Island.....	"	8	25	650	13-8	Knox, Hepburn	12	
Rigby's.....	"	4	10		5	Varney	12	
Rogers'.....	"	3½	8				12	
Sapphire.....	"	5	16	750	58	Knox	28	
Simcoe.....	"	5	16		8	Tubs, Wheeler, Hepburn	25	
Stevenson's.....	"	2½	8	500	10	Knox	10	
Succor.....	"	6	20				28	

Summit.....	"	6	20	625	11-1	Wheeler, Varney	35	
Union.....	"	2½	14	10-850 4-500	14		14	
Winfield.....	"	5	18		8	Hepburn	30	
LYON COUNTY.								
Birdsall & Carpenter...	water	2	30	650	20	Wheeler	55	
Bacon.....	steam	6	20	650	17	Wheeler	30	
Bartolo.....	"	3	8	550	8	Knox	9	
Cole & Co.....	"	3	5	480	4	Wheeler	3	
Devil's Gate.....	"	5	8	900	10	Hepburn	14	
Daney.....	"	6	15	550	15	Wooden Tubs	20	
Dayton, No. 1.....	water	1	20	500	6	Wheeler	20	
Dayton, No. 2.....	steam	6	15	800	8	Varney	15	
Eagle.....	water		5	400	2	Knox	15	
Eastern Slope.....	steam	5½	16	800	6	Hepburn	20	
Excelsior.....	"	3	10	650	18	Knox	18	
Eureka.....	water		20	650	8	Wheeler	22	
Franklin.....	"	4	10	600	8	Knox	12	
Golden Eagle.....	steam	3½	10	850	25	Tubs	13	
Illinois.....	"	5	20	400	5	Hepburn	20	
Island.....	"	2	19	650	11	Tubs	14	
Lindauer & Co.....	st'm & water	2½	15	480	10	Wheeler	20	Dismantled.
Metallurgical Works...	steam	5	15	700	6	Wheeler	16	
Monitor.....	water		5	450	2	Wheeler	3	
New York & Nevada...	steam	5½	20	550	17	Hepburn	25	
Ophir.....	st'm & water	2½	24	600	15	Hepburn	35	
Pioneer.....	steam	6	15	700	15	Tubs and Wheeler	20	
Phoenix, No. 1.....	"	6	15	650	8	Tubs and Wheeler	19	
Phoenix, No. 2.....	"	7	20	534	34	Tubs	28	One of these Mills destroyed by fire during 1866.
Palmyra.....	"	4½	10	650	12	Tubs	15	
Rock Point.....	st'm & water	2½	56	550	50	Tubs and 6 Hepburn	60	
Sparrow & Trench.....	steam	6	20	600	19		25	
Sherman & Co.....	water		5	400	2		4	
Swansea.....	steam	5	14	900	22	Tubs	20	
Smith, D. L.....	water		5	450	4	Tubs	4	
Sacramento.....	steam	5	12	750	12	Tubs	18	
San Francisco.....	st'm & water	3	10	650	7	4 Tubs and Wheeler	14	
Weston & Co.....	steam	4	15	550	9	Wheeler	14	
Weston & Co.....	water		10	450	8	Tubs	11	

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(A008521)

REPORT

OF THE

Mineralogist of the State of Nevada

FOR THE

YEARS 1869 AND 1870.

CARSON CITY:

CHARLES L. PERKINS, State Printer.

1871.

DELCHER.

Within the past two years twenty thousand tons of ore, yielding on an average \$17 per ton, have been obtained from this mine, nearly all from the upper levels. The deepest openings are eight hundred and fifty feet below the surface. At this depth the vein is nearly barren, showing only traces of gold and silver.

LUCERNE MINE.

This mine is situated near Devil's Gate, Silver City, southeast from Gold Hill. It is opened by a shaft and tunnels to the depth of three hundred feet. The vein is well defined and the walls have clay linings. The ore produces on an average \$10 per ton. The bullion assays \$3 50 per ounce in silver, and \$6 50 in gold. The ore is easily reduced, and the mine is worked without difficulty. The vein dips east about 45°. The country rock on the west is granite; on the east it is propolite.

WALLER'S DEFEAT, ST. LOUIS, SUCCOR,

And other mines are on the same vein, and are worked very similarly to the Lucerne, and have the same characteristics and productiveness.

LYON COUNTY.

The natural resources described in my last report as peculiar to this county, have undergone but little change. Some developments have been made, but the results are not particularly marked. Public schools and churches have been prospered, and some improvements are perceptible.

The official returns fix the popular vote, at the last general election, at six hundred and thirteen, being two hundred and eighteen less than the vote cast two years ago.

The mines in Spring Valley District, three miles west from Dayton, have recently received some attention—several abandoned claims have been relocated, and a mill with ten stamps is being erected.

In Devil's Gate District, ore of a low grade is being extracted from the Hope, Buckeye and other mines. These mines were never developed to a great extent, and will probably produce large quantities of ore.

Owing to the fine water privileges afforded by the Carson River, and the facilities of access to the mines, principally in Storey County, there are a large number of mills in Lyon County.

The Atlanta has ten stamps and six pans.
The Birdsall has thirty stamps and forty pans.
The Bacon has twenty stamps and ten pans.
The Carson Valley has twenty stamps and ten pans.
The Daney has twenty stamps and ten pans.
Dayton Reduction has six pans.
Devil's Gate has twelve stamps and ten pans.
Excelsior has ten stamps and twenty pans.
Eureka has twenty stamps and eight pans.
Eagle Mill has two pans and four arastras.
Franklin has ten stamps and four pans.

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Hope has ten stamps and six pans.
Island has ten stamps and four pans.
Illinois has twenty stamps and six pans.
Keystone has five stamps and six pans.
Kelsey has fifteen stamps and six pans.
Pioneer has fifteen stamps and ten pans.
Phoenix has fifteen stamps and ten pans.
Rock Point has fifty-six stamps and forty-three pans.
Swansea has twelve stamps and ten pans.
Sacramento has fifteen stamps and eight pans.
San Francisco has ten stamps and eight pans.
Sherman has five stamps and four pans.
Tailings Mill has two pans.
Woodworth has twenty-four stamps and twelve pans.
Winter's has two stamps, two pans and two arastras.
Weston has fifteen stamps and nine pans.
French has twenty stamps and eighteen pans.
The copper mines, twenty-five miles southeast from Dayton, are not worked.

SUTRO TUNNEL.

This tunnel was commenced in 1869, and has been prosecuted with commendable energy. It is run westward from the face of the foot-hills north of Dayton, so as to intersect the Comstock ledge at right angles at the depth of two thousand one hundred and seventy-two feet. It has been driven sixteen hundred and fifty feet. A stream, affording about twenty-five inches of water, flows from it. No valuable veins of ore have as yet been found.

It is proper to state that a large number of the mills are not running, the supply of ore having ceased.

CHURCHILL COUNTY.

There has been but little progress in the developments of the natural resources of this county within the past two years. The completion of the Central Pacific Railroad withdrew the travel and transportation almost entirely from the Overland Mail Road; consequently business ceased, and many of the stations along that road have been abandoned. The agricultural lands along the Carson River and about the Carson Lake and Sink have produced well.

The popular vote of the county at the late general election was eighty-seven; sixty-four votes less than were cast in November, 1868.

The soda mine, near Ragtown, has been opened to the depth of twelve or fifteen feet. It is situated in a small basin on the southwestern border of the desert surrounding the sink of the Carson and Humboldt Rivers. There is a pond or small lake near by, perhaps three quarters of a mile in length and from a quarter to half a mile in width, and said to be of great depth.

The water collects in the soda basin during the rainy season, and afterward gradually evaporates, leaving the soda beautifully crystalized over a space of from one to two acres in extent. From the developments recently made, it seems that this deposit has an unknown depth, and consists

In the Dist Court of the Third Judicial District
OF THE ~~TERRITORY~~ ^{State} OF NEVADA,

IN AND FOR THE
COUNTY OF Lyon

Lo Carpenter

vs.
J St Todman et al

WRIT OF ATTACHMENT.

The State
~~The People of the Territory of Nevada,~~

TO THE SHERIFF OF THE COUNTY OF LYON,

WHEREAS, the above entitled action was commenced in the Dist Court of the Third Judicial District of the State of Nevada, by the above named Plaintiff to recover from the said Defendants the sum of Thirty Five Hundred Dollars, or thereabouts, besides interest;

CREETING:

and costs of suit; and the necessary affidavit and undertaking herein having been filed as required by law:

NOW, we do therefore command you, the said Sheriff, that you attach and safely keep all the property of said defendant, or either of them, within your said County, (not exempt from execution) or so much thereof as may be sufficient to satisfy the said plaintiff's demand, as above mentioned, unless the said defendant give you security, by the undertaking of at least two sufficient sureties, in the amount sufficient to satisfy such demand, besides costs, or in an amount equal to the value of the property which has been or is about to be attached, in which case you will take such undertaking, and hereof make due and legal service and return.

WITNESS, Hon.

Jpm Haydon

Judge of the

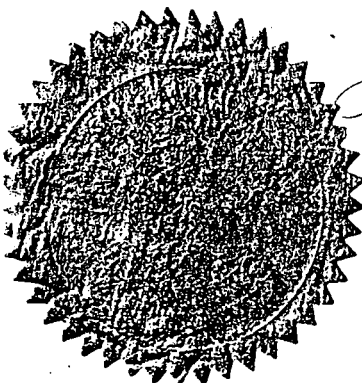
said Dist Court of the Third Judicial District, this

Twentieth day of May A. D. 1896

Attest my hand and the seal of said Court, the day and year last above written.

Daniel Kendrick
CLERK.

Geo. W. Beers
DEPUTY CLERK.



State of Nevada }
County of Esmeralda }

I hereby certify that I received
the within writ of attachment on this 19th day
of May A.D. 1866 at 11 O'clock & 30 minutes
A.M. and personally served the same at
1 O'clock, P.M. of said day by attaching
all the right title and interest of Defts
J. A. Todman Wm B. Crocker
Oliburn Allen and H. W. Hartwell or
either of them in and to the following
described Real Estate To wit: all that
certain piece of Real Estate Situate in
Silver City in Esmeralda County State of Nevada
And Bounded and described as follows
Commencing at the South East Corner of
the Mill Site purchased of H. G. Johnson of
the so called Washoe Gold & Silver Mining
Company and running thence in a
westerly direction four hundred feet more
or less to vacant land thence in a Southern
direction to J. D. Brier. Thence following the
line of said lot and lot of A. P. Bouton
adjoining to Boutons South East Corner
thence in an Easterly direction to the
Devils Gate Toll Road thence in a northerly
direction to place of beginning together
with all and singular the tenements

1
Hereditaments and Appurtenances thereto
belonging or in anywise appertaining and
filed a copy of Notice of Attachment with the
County Recorder of Lyon Co Nev - Also

Attached the following personal property
at the same place date and time and
now holds the same by virtue of the within
Writ of Attachment Subject to an attachment
levied by me in Dist Court - 3rd Jux - Dist Nev
in the Case of J. Santon vs J. A. Tidman & Co

The following is a list of the personal property

25 tons of Quarry Rock more or less
30 " " " " " " " " " "
25 " " " " " " " " " "
200 pounds of quicksilver " " " "
150 " " " " " " " " " "
500 " " " " " " " " " "

Consisting of Soda & Blue Stone

42 Sacks of Salt -

15 Cord of pine wood more or less

700 pounds of Chopped Barley

11 Bales of Hay 2 feet of Screen Cloth

1 Can of Coal oil 1 Set of Cass die

1 Can of Tallow 3 Sets of die & shoes

1 Side of Leather & 1 pair of Firebrake shoes

and now holds the same by virtue of the within writ

Sheriff's office Dayton Lyon County Nevada

This 19th day of May A.D. 1880 Geo. W. Shaw Sheriff

Sheriff's Fees

Serving Attachment \$5.00

Two bills two notices & copy

of Lyon Co Nev

131492

Sheriff's office Dayton - Iron County Nevada
 This 1st day of May A.D. 1866 Geo. W. Shaw Sheriff
 of Lyon Co Nev

Sheriff's Fees

Serving Attachment	5.00
Making two Notices & copy of attachments	3.00
Filing copy of attachment with Recorder	50
	<u>6.50</u>

And I further Certify that I did on
 this 21st day of May A.D. 1866 at 12 o'clock
 21 minutes P.M. of said day by
 direction of plaintiff levy upon
 and attach all the right title and
 interest of Defts - or either of them
 in and to that certain Real Estate
 situated in Lyon County Nevada in
 the town of Silver City adjoining the
 property of the pioneer mill and known
 as the Boarding House of J. A. Edman &
 that certain lot together with all and
 singular the tenements hereditaments
 and appurtenances thereunto belonging or
 in any-wise appertaining filed a
 copy of Notice with Recorder of Lyon
 Co Nev and now hold said property
 by virtue of the within writ
 This 21st day of May 1866

Geo. W. Shaw Sheriff
 of Lyon Co Nev

Sheriff's Fees

Serving attachment	3.00
Making copy of writ & notice	1.50
Making copy & filing with Recorder	1.50
Mileage	3.00
	<u>9.00</u>

Worthy wife, that I received the
within personal property the 23 day of
May 1866 by order of Plaintiff

Geo W Shaw Sheriff
of Lyon Co Mo

IN THE DISTRICT COURT

3rd OF THE
Judicial District,
IN AND FOR THE
COUNTY OF *Lyon*

E. Carpenter

J. A. Dodson ^{U.S.}
shad

Writ of Attachment.

FILED, *May 23^d* 1866

D. Kendrick CLERK.

By *Geo W Beer* DEPUTY CLERK.

P. H. & J. M. Kennedy
ATTORNEYS

Λ

Book W

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accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local customs, laws, and decisions of courts; and there is reserved from the lands hereby granted, a right of way thereon for ditches or canals constructed by the authority of the United States.

IN TESTIMONY WHEREOF, I, Warren G. Harding, President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to hereunto affixed. GIVEN under my hand, at the City of Washington, the EIGHTEENTH day of APRIL in the year of our Lord one thousand nine hundred and TWENTY-ONE and of the Independence of the United States the one hundred and FORTY-FIFTH.

By the President: Warren G. Harding

(U.S. General Land Office Seal)

By M. P. LeRoy, Secretary.

RECORDED: PATENT NUMBER 803588

L.Q.C. Lamar
Recorder of the General Land Office.

RECEIVED
U.S. LAND OFFICE
CARSON CITY, NEV.
Date 4-25-21
Hour 11 A.M.

Recorded at Request of Katharine O. Toohy, June 21, 1922, at 9 A.M.

James H. Barton
County Recorder.

File No. 30789

THIS INDENTURE, made this 17th day of April, 1922, between VIRGINIA AND GOLD HILL WATER COMPANY, a corporation incorporated and existing under the laws of the State of California, and having its principal place of business in the City and County of San Francisco, State of California, the party of the first part, and THE VIRGINIA AND GOLD HILL WATER COMPANY, a corporation incorporated and existing under the laws of the State of California and having its principal place of business in the City and County of San Francisco, State of California, the party of the second part,

WITNESSETH: That the said party of the first part, for and in consideration of the sum of five (5) dollars, lawful money of the United States of America, to it in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, and for other good and valuable considerations does, by these presents, grant, bargain and sell, convey and confirm, transfer, assign and set over unto the said party of the second part and to its successors and assigns forever, all of those certain lots, pieces or parcels of land situate, lying and being in the State of Nevada, and hereafter particularly described, to wit:

All those certain lots, pieces or parcels of land situate, lying and being in the County of Washoe, State of Nevada, particularly described as follows, to wit:

PARCEL ONE: The east half (E $\frac{1}{2}$) of the south half (S $\frac{1}{2}$) of the southwest quarter (SW $\frac{1}{4}$) and the northeast quarter (NE $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$) of Section twelve (12), Township fifteen (15) North, Range eighteen (18) east, M.D.R. & M.

PARCEL TWO: The south half ($S\frac{1}{2}$) of the southeast quarter ($SE\frac{1}{4}$) and the west half ($W\frac{1}{2}$) of Section four (4), Township sixteen (16) north, Range nineteen (19) east, M.D.B. & M.

PARCEL THREE: The northeast quarter ($NE\frac{1}{4}$) and the north half ($N\frac{1}{2}$) of the southeast quarter ($SE\frac{1}{4}$) of Section eight (8), Township sixteen (16) north, Range nineteen (19) east, M.D.B. & M.

PARCEL FOUR: The northwest quarter ($NW\frac{1}{4}$) and the north half ($N\frac{1}{2}$) of the northeast quarter ($NE\frac{1}{4}$) and the north half ($N\frac{1}{2}$) of the southwest quarter ($SW\frac{1}{4}$) of Section nine (9), Township sixteen north, Range nineteen (19) east, M.D.B. & M.

PARCEL FIVE: Fractional southwest quarter ($SW\frac{1}{4}$) of the southwest quarter ($SW\frac{1}{4}$) and the south half ($S\frac{1}{2}$) of Lot two (2) of the northwest quarter ($NW\frac{1}{4}$) and the north half ($N\frac{1}{2}$) of Lot two (2) of the southwest quarter ($SW\frac{1}{4}$) and Lot one (1) of the southwest quarter ($SW\frac{1}{4}$) of Section seven (7), Township fifteen (15) north, Range nineteen (19) east, M.D.B. & M.

PARCEL SIX: The south half ($S\frac{1}{2}$) of the south half ($S\frac{1}{2}$) of section twenty-six (26), Township seventeen (17) north, Range eighteen (18) east, M.D.B. & M.

PARCEL SEVEN: Part of the south half ($S\frac{1}{2}$) of the northeast quarter ($NE\frac{1}{4}$) and part of the north half ($N\frac{1}{2}$) of the southeast quarter ($SE\frac{1}{4}$) of Section thirty-four (34), Township seventeen (17) north, Range nineteen (19) east, M.D.B. & M.

PARCEL EIGHT: The south half ($S\frac{1}{2}$) of the southeast quarter ($SE\frac{1}{4}$) of section two (2), Township sixteen (16) north, Range twenty (20) east, M.D.B. & M.

PARCEL NINE: The north half ($N\frac{1}{2}$) of the southwest quarter ($SW\frac{1}{4}$) of Section thirty (30), Township seventeen (17) north, Range nineteen (19) east, M.D.B. & M.

PARCEL TEN: The west half ($W\frac{1}{2}$) of the northwest quarter ($NW\frac{1}{4}$) and the southeast quarter ($SE\frac{1}{4}$) of the northwest quarter ($NW\frac{1}{4}$) and the southwest quarter ($SW\frac{1}{4}$) of the northeast quarter ($NE\frac{1}{4}$) and the southeast quarter ($SE\frac{1}{4}$) and the southeast quarter ($SE\frac{1}{4}$) of the southwest quarter ($SW\frac{1}{4}$) of Section thirty-one (31), Township seventeen (17) north, Range nineteen (19) east, M.D.B. & M.

PARCEL ELEVEN: The north half ($N\frac{1}{2}$) of the southwest quarter ($SW\frac{1}{4}$) and the southwest quarter ($SW\frac{1}{4}$) of the southwest quarter ($SW\frac{1}{4}$) and the south half ($S\frac{1}{2}$) of the southeast quarter ($SE\frac{1}{4}$) of Section thirty-two, Township seventeen (17) north, Range nineteen (19) east, M.D.B. & M.

PARCEL TWELVE: The west half ($W\frac{1}{2}$) of the southwest quarter ($SW\frac{1}{4}$) of section thirty-three (33), Township seventeen (17) north, Range nineteen (19) east, M.D.B. & M.

PARCEL THIRTEEN: The northeast quarter ($NE\frac{1}{4}$) of Section five (5), Township sixteen (16) north, Range nineteen (19) east, M.D.B. & M.

PARCEL FOURTEEN: The north half ($N\frac{1}{2}$) and the north half ($N\frac{1}{2}$) of the southwest quarter ($SW\frac{1}{4}$) and the northwest quarter ($NW\frac{1}{4}$) of the southeast quarter ($SE\frac{1}{4}$) of Section thirty-six (36) Township seventeen (17) north, Range eighteen (18) east, M.D.B. & M.

PARCEL FIFTEEN: The east half ($E\frac{1}{2}$) of the northeast quarter ($NE\frac{1}{4}$) and the northeast quarter ($NE\frac{1}{4}$) of the southeast quarter ($SE\frac{1}{4}$) of Section thirty-five (35), Township seventeen (17) north, Range eighteen (18) east, M.D.B. & M.

All those certain lots, pieces or parcels of land situate, lying and being in the County of Ormsby, State of Nevada, particularly described as follows, to wit:

PARCEL SIXTEEN: The northeast quarter (NE $\frac{1}{4}$) of the southeast quarter (SE $\frac{1}{4}$) and the northeast quarter (NE $\frac{1}{4}$) of Section thirteen (13), Township fifteen (15) north, Range eighteen (18) east, M.D.B. & M.

PARCEL SEVENTEEN: Lot two (2) of the northeast quarter (NE $\frac{1}{4}$) of Section three (3), Township fifteen (15) north, Range nineteen (19) east, M.D.B. & M.

PARCEL EIGHTEEN: Lot two (2) of the southwest quarter (SW $\frac{1}{4}$) and fractional west half (W $\frac{1}{2}$) of the northwest quarter (NW $\frac{1}{4}$) of Section eighteen (18), Township fifteen (15) north, Range nineteen (19) east, M.D.B. & M.

PARCEL NINETEEN: Lot two (2) of the northwest quarter (NW $\frac{1}{4}$) of Section nineteen (19), Township fifteen (15) north, Range nineteen (19) east, M.D.B. & M.

PARCEL TWENTY: The northeast quarter (NE $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$) and part of the northwest quarter (NW $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$) of Section thirty-six (36), Township sixteen (16) north, Range nineteen (19) east, M.D.B. & M.

All those certain lots, pieces or parcels of land situate, lying and being in Virginia City, County of Storey, State of Nevada, particularly described as follows, to wit:

PARCEL TWENTY-ONE: Lots thirty-eight (38), thirty-nine (39), forty (40) and forty-one (41), Block 143, Range A.

PARCEL TWENTY-TWO: The southwest (SW) part (25' x 100') of Block 79.

PARCEL TWENTY-THREE: Lot thirteen (13), Block 151, Range I.

All those certain lots, pieces or parcels of land situate, lying and being in the City of Gold Hill, County of Storey, State of Nevada, particularly described as follows, to wit:

PARCEL TWENTY-FOUR: Lot thirty-two (32), Block one (1), Range O.

Also the said party of the first part does hereby grant, bargain and sell, convey and confirm, transfer, assign and set over unto the party of the second part, all of its watershed lands, reservoirs for storing water, water and water rights, rights of way, gates, headgates, sidegates, weirs, siphons, culverts, bridges, ditches, water conduits, pipe lines, flume lines, distribution systems of every kind and nature, water power, dwellings for employees and other buildings, lumber, horses, harnesses, carts, implements and tools, mess and kitchen furniture and household and office furniture and equipment, all of its books, accounts, moneys and credits and all of its assets, franchises and business, and in addition all other property of whatsoever character, whether real, personal or mixed, and wheresoever situate, belonging to the said party of the first part, excepting only its franchise to be a corporation.

It is the intent of the party of the first part hereby to grant, bargain, sell, convey and confirm, transfer, assign and set over unto the said party of the second part, and said party of the first part does hereby grant, bargain, sell, convey and confirm, transfer, assign and set over unto said party of the second part, its successors and assigns forever, all its property and assets of whatever character and wheresoever situate.

TOGETHER with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof.

TO HAVE AND TO HOLD all and singular the said premises, together with the appurtenances unto the said party of the second part and to its successors and assigns forever.

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The said party of the second part by the acceptance of this conveyance hereby assumes all of the obligations, indebtedness and liabilities of every kind, character and description of said Virginia and Gold Hill Water Company, party of the first part.

IN WITNESS WHEREOF the said party of the first part has, by its officers thereunto duly authorized, caused its corporate name to be hereto subscribed and its corporate seal to be hereto affixed the day and year first above written.

\$400. U.S. Int. Rev. Stamps
affixed and cancelled

(Corporate Seal)

VIRGINIA AND GOLD HILL WATER COMPANY.

By Edward J. McCutchen, Vice-President.

By Walter L. Dean, Secretary.

The foregoing assignment and conveyance is hereby accepted this 20th day of April, 1922.

IN WITNESS WHEREOF the said party of the second part has, by its officers thereunto duly authorized, caused its corporate name to be hereto subscribed and its corporate seal to be hereto affixed the day and year first above written.

THE VIRGINIA AND GOLD HILL WATER COMPANY

By Edw'd J. McCutchen, President

By H. G. Stevenson, Secretary.

(Corporate Seal)

State of California, }
City and County of San Francisco. } ss.

On this 18th day of April, 1922, before me, FRANK L. OWEN, a Notary Public, in and for the City and County of San Francisco, State of California, duly commissioned and sworn, residing therein, personally appeared Edward J. McCutchen, known to me to be the vice-president, and Walter L. Dean, known to me to be the secretary of Virginia and Gold Hill Water Company, the corporation that executed the within instrument, and known to me to be the persons who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal at my office in the City and County of San Francisco, State of California, the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen

Notary Public in and for the City and County of San Francisco, State of California.

County Clerk General Dept. P. No. 15
STATE OF CALIFORNIA }
City and County of San Francisco } ss.

I, H. I. MULCREVY, County Clerk of the City and County of San Francisco, State of California, and ex-officio Clerk of the Superior Court thereof, the same being a Court of Record, having by law a seal, DO HEREBY CERTIFY, That Frank L. Owen whose name is subscribed to the Certificate of the proof or acknowledgment of the annexed instrument and thereon written, was, at the time of taking such proof and acknowledgment, a Notary Public, in and for said City and County, residing therein, duly commissioned and sworn, and duly authorized by the laws of said State to take the acknowledgments and proofs of deeds or conveyances, for land, tenements or hereditaments in said State, to be recorded therein. And further that I am well acquainted

with the handwriting of such Notary Public, and verily believe that the signature to said Certificate of proof or acknowledgment is genuine, and that said instrument is executed according to the laws of said State.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of the said Superior Court, dated Apr 22 1922

State of California,
City and County of San Francisco.

On this 20th day of April, 1922, before me, FRANK L. OWEN, a notary public in and for the City and County of San Francisco, State of California, duly commissioned and sworn, residing therein, personally appeared Edw'd J. McCutchen, known to me to be the president, and H. G. Stevenson, known to me to be the secretary of The Virginia and Gold Hill Water Company, the corporation that executed the within instrument, and known to me to be the persons who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the City and County of San Francisco, State of California, the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen
Notary Public in and for the City
and County of San Francisco, State
of California.

CONSENT OF STOCKHOLDERS

We, the undersigned, being stockholders of VIRGINIA AND GOLD HILL WATER COMPANY, a corporation organized and existing under the laws of the State of California (the capital stock of said company being one million (1,000,000) dollars, divided into fifty thousand (50,000) shares of the par value of twenty (20) dollars each), each of us owning the number of shares of the stock of said company set opposite our respective names signed hereto, do hereby consent and agree to, ratify and confirm and approve the sale of all of the property of said Virginia and Gold Hill Water Company to The Virginia and Gold Hill Water Company, a corporation organized and existing under and by virtue of the laws of the State of California, of all the franchises and property, real and personal, of said Virginia and Gold Hill Water Company, and wheresoever situated, and also of the business and all of the assets of every name, nature and description of said company, in consideration of the assumption by the said grantee company of the liabilities and obligations of said Virginia and Gold Hill Water Company, and the issuance to said Virginia and Gold Hill Water Company of certificates of stock representing forty-nine thousand, nine hundred ninety-three (49,993) shares of the capital stock of said The Virginia and Gold Hill Water Company, and we hereby authorize and empower the Board of Directors and officers of said Virginia and Gold Hill Water Company to take all steps, and do and perform all and every act and thing necessary to accomplish the transfer of the property of said Virginia and Gold Hill Water Company.

IN WITNESS WHEREOF, we have hereunto set our hands this 27th day of March, 1922.

Name of Stockholder.

No. of shares.

HOBART
By Edw
Marie
By Jam
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Clarence
By Jame
His att
J. L. F
By by J
His att
Edw'd J.
James E.
Walter J.
A. Crawford
By W. E.
His att
By Edw'd
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James E. Wal
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J. L. Flood
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493776

HOBART ESTATE COMPANY By Edw'd J. McCutchen, President.	12,990
Marie Louise Mackay By James E. Walsh Her attorney in fact.	3,984 3/8
Clarence H. Mackay By James E. Walsh His attorney in fact.	3,984 3/8
J. L. Flood By James E. Walsh His attorney in fact.	4,704 3/8
Edw'd J. McCutchen	
James E. Walsh	4
Walter L. Dean (Walter L. Dean)	10
A. Crawford Greene	10
By W. E. Dean His Guardian.	1
By Edw'd J. McCutchen His Guardian	11,490
Total	37,178 1/8

State of California,
City and County of San Francisco. } ss.

On this 27th day of March, in the year of our Lord One Thousand Nine Hundred and Twenty-two, before me, FRANK L. OWEN, a Notary Public in and for said City and County and State, residing therein, duly commissioned and sworn, personally appeared Edward J. McCutchen, known to me to be the President of Hobart Estate Company, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the City and County and State aforesaid the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen
Notary Public in and for said
City and County of San Francisco,
State of California.

State of California,
City and County of San Francisco. } ss.

On this 27th day of March, in the year of our Lord One Thousand Nine Hundred and Twenty-two, before me, FRANK L. OWEN, a Notary Public in and for said City and County and State, residing therein, duly commissioned and sworn, personally appeared James E. Walsh, known to me to be the person whose name is subscribed to the within instrument, as the Attorney in Fact of Marie Louise Mackay, Clarence H. Mackay and J. L. Flood and acknowledged to me that he subscribed the names of said Marie Louise Mackay, Clarence H. Mackay and J. L. Flood thereto as principals, and his own name as their Attorney in Fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the City and County and State aforesaid the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen
Notary Public in and for said City
and County of San Francisco,
State of California.

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State of California, }
City and County of San Francisco. } ss.

On this 27th day of March, in the year of our Lord One Thousand Nine Hundred and Twenty-two, before me, FRANK L. OWEN, a Notary Public in and for said City and County and State, residing therein, duly commissioned and sworn, personally appeared Edw'd J. McCutchen, guardian of W.E. Dean, known to me to be the person whose name is subscribed to and who executed the within instrument, and acknowledged to me that he executed the same as such guardian, for W. E. Dean.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at my office in the City and County and State aforesaid the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen

Notary Public in and for said City and County of San Francisco, State of California.

State of California, }
City and County of San Francisco. } ss.

On this 27th day of March, in the year of our Lord One Thousand Nine Hundred and Twenty-two, before me, FRANK L. OWEN, a Notary Public in and for said City and County and State, residing therein, duly commissioned and sworn, personally appeared Edw'd. J. McCutchen, James E. Walsh, Walter L. Dean and A. Crawford Greene, known to me to be the persons whose names are subscribed to and who executed the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at my office in the City and County and State aforesaid the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen

Notary Public in and for said City and County of San Francisco, State of California.

KNOT ALL MEN BY THESE PRESENTS:

That I, Walter L. Dean, Secretary of Virginia and Gold Hill Water Company, a corporation organized and existing under and by virtue of the laws of the State of California, hereby certify that at the present time, and at the date of the execution of the foregoing and annexed consent of stockholders, and at the time of the execution of the foregoing and annexed deed from Virginia and Gold Hill Water Company to The Virginia and Gold Hill Water Company, there were authorized, issued and outstanding fifty thousand (50,000) shares, and no more, of the capital stock of the said Virginia and Gold Hill Water Company; that said fifty thousand (50,000) shares constituted the entire capital stock authorized by the articles of incorporation of said corporation; that at all times in this certificate mentioned, the said stock stood on the books of said corporation in the names of the following individuals and corporation:

<u>Name of stockholder.</u>	<u>No. of shares.</u>
James L. Flood,	4,704 3/8
John W. Twigg,	10
D. C. Bates,	10
J. E. Walsh,	10
Marie Louise Mackay,	10
Clarence H. Mackay,	3,984 3/8
Hobart Estate Company,	3,984 3/8
W. S. Hobart,	12,990
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E. J. McCutchen,
A. Crawford Greene,

Name of Stockholder.

No. of shares.

W. E. Dean,	11,490
Walter L. Dean,	10
M. Thornburgh Cropper,	1,000
James V. Coleman,	664 2/32
Isabella C. May,	664 2/32
Wm. J. McGee,	664 2/32
John G. and Agnes M. Agar, trustees,	332 1/32
Jos. M. MacDonough,	1,106
Agnes M. Agar,	654 5/32
Isabella K. and Willard H. Bronson,	
trustees under the Will of Caroline	
M. Roberts, deceased,	2,500
Annie L. Neal,	2,656 1/4
Charles W. Neal,	1,952 3/16
First Federal Trust Company,	
trustees under the trust created by	
the will of Chas. S. Neal, deceased,	
for the benefit of Chas. W. Neal,	664 1/16

Total,

50,000

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said corporation, Virginia and Gold Hill Water Company, this 17th day of April, 1922.

Walter L. Dean,

Secretary of Virginia and Gold Hill
Water Company

(Corporate Seal)

(To be acknowledged before a notary public)

State of California,)
City and County of San Francisco,) ss.

On this 18th day of April, in the year of our Lord One Thousand Nine Hundred and twenty two, before me, FRANK L. OWEN, a Notary Public in and for said City and County and State, residing therein, duly commissioned and sworn, personally appeared Walter L. Dean Secretary of Virginia and Gold Hill Water Company known to me to be the person whose name is subscribed to and who executed the within instrument, and acknowledged to me that he executed the same as such Secretary.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at my office in the City and County and State aforesaid the day and year in this certificate first above written.

(Notarial Seal)

Frank L. Owen

Notary Public in and for said
City and County of San Francisco,
State of California.

(ENDORSED) 25259 Filed for Record at Request of The Virginia & Gold Hill Water Co. May 3 1922 at 10 min. past 1 o'clock P.M. Recorded in Book 59 of Deeds Page 564 Records of Washoe County, Nevada, Delle B. Boyd County Recorder By T. L. Taylor Deputy. Indexed Verified.
Filed for record at request of The Virginia & Gold Hill Water Co. May 18 1922 at 55 min. past 11 o'clock A.M. Recorded in Book 37 BOOK OF DEEDS Page 371-76 Records of Ormsby County, Nevada. C. R. Dake County Recorder File No. 335
Filing for record 25 2 indexing at 50¢ 1.00 30 folios at 30¢ 9.00 \$10.25
Indexed Compared

Recorded at Request of The Va. & Gold Hill Water Co. June 27 1922, at 9 A.M.

Josef Barton
County Recorder.

MINING AND SCIENTIFIC PRESS

An Illustrated Journal of Mining, Popular Science and General News.

BY DEWEY & CO.,
Patent Solicitors.

SAN FRANCISCO, SATURDAY, FEBRUARY 10, 1877.

VOLUME XXIV.
Number 6.

Comstock Papers.—No. 16.

Pan Amalgamation, and What It Led To.

The trial of pan amalgamation having proved a success, demonstrating the facility and cheapness with which the Comstock ores could be worked, confidence in the value of the mines was greatly increased, and many parties were encouraged to put up reduction works who would not otherwise have gone into the business. The popular idea that a vast deal of science, or at least much practical skill, was indispensable in the treatment of argentiferous ores having been thus partially dissipated, the California millmen were quite certain that they could deal with them successfully when a method so similar to that employed in reducing the gold-bearing quartz of this State would answer the purpose. Accordingly a good many of this class repaired to Washoe during the summer and fall of 1860, with a view to putting up mills and running them on this new school of ores. The arrastras that had been set up the year before were designed merely for working the quartz found at Gold Hill, in which the most of the gold was free and easily separated, no effort having been made to save the silver which it contained; the miners not then suspecting, in fact, that it carried any of this metal. When the sulphurated silver ores of the Comstock proper came to be handled, this style of apparatus was found to be wholly inadequate; hence early recourse to more effectual methods became necessary.

Era of Active Mill Construction

The completion in August, 1860, and the successful operations of the Paul and the Coover mills, was immediately followed by the inauguration of numerous other enterprises of this kind, several having, in reality, been planned prior to the above date and in anticipation of the success that it was expected would attend these pioneer establishments. So rapidly, indeed, did this business of mill construction thereafter proceed, that no less than 86 works of this description, carrying a total of 1,200 stamps, and costing an aggregate of over six million dollars, had been finished and started up by the end of 1861, some 40 or 50 arrastras and several patio yards built and set at work meantime, not being included in this estimate. Work upon a good many other mills had also been commenced before the end of that year, the most of which were completed early in 1862, when the era of most active mill construction terminated in so far as the Comstock mines were concerned, this industry having, for the next three or four years, been transferred to Emerald, Reese river, Pine Grove, Humboldt, and other interior districts.

Location, Cost and Capacity.

Of the mills built for reducing the Comstock ores eight, carrying 114 stamps and costing \$200,000, were located in Ormsby county; six, carrying 106 stamps, and costing \$1,200,000, were located in Washoe county; forty, carrying 573 stamps, and costing in the aggregate \$3,700,000, were located in Storey county; twenty-two, carrying 360 stamps, and costing \$1,000,000, were located in Lyon county, and ten, carrying 84, and costing \$300,000, were located in Esmeralda county, there having been erected, up to the end of 1861, not more than two or three small establishments of this kind in any other portion of Nevada Territory.

The First Parties to Put up Water-Driven Machinery.

East of the Sierra, for the purpose of ore reduction, were Judge James Walsh and his partner, Joseph Woodworth, who, on their first visit to Washoe, in the latter part of June, 1850, threw a slight dam across the Carson river, at a point about one mile above the present town of Dayton, then Chinatown, and, diverting the water into a side race, employed it for propelling a couple of arrastras, which they constructed and put up there for testing the Gold Hill ores, they having bought from Comstock a small claim at that point before purchasing the silver bearing deposit a mile further north, and which afterwards constituted the site of the great Washoe discovery. The water right so secured on the river was, the

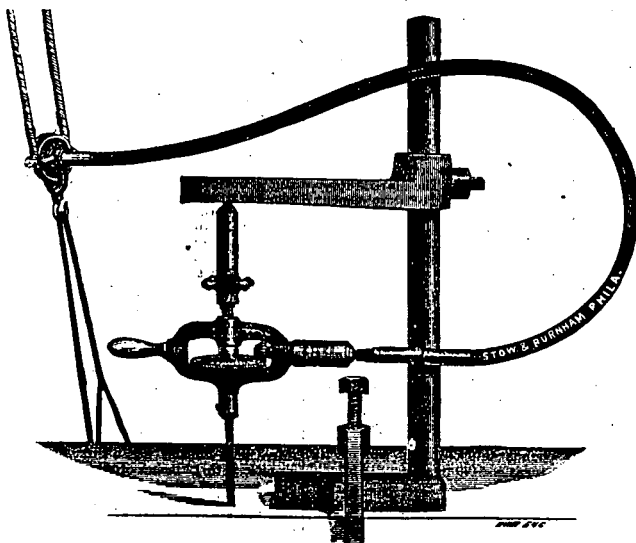
next year, further utilized by the construction there of additional arrastras and, finally, by the erection of extensive reduction works, this now being the site of the present Ophir company's large and efficient mill.

Besides Paul, Coover and Harris, the following parties commenced the erection of mills, and, in some cases, completed and had them running before the end of 1860: Richard Ogden and J. Downes Wilson, who, in November, 1860, finished the Ogden & Wilson mill, the first one completed in the Virginia City district; Henry O. Blasdel, Alpheus Staples, Israel W. Knox, who built the Olive Branch mill, Flowery district; McNulty, who built what was afterwards known as the Bacon mill; Peter Frothingham, who put up a small establishment on Carson river, four miles below Dayton; John B. Winters, connected with Woodworth & Mosheim in the building of the Carson River mill; John Atchison, Logan and Holmes, whose works were also on Carson river; Trench & Sparrow; De Land, Eclipse mill; and various other persons, whose names we cannot now recall to memory. Among the mills that were begun this year and completed near the end of it or early in 1861, was that of the Spanish

Flexible Power Transmitter.

This is a very simple and useful device, as the accompanying illustration will show. It is the first successful application of a flexible shaft for general purposes of transmission of power. The *Polytechnic Review*, during the late exhibition, thus described this piece of mechanism: Passing along the north avenue of machinery hall, our attention was attracted to what appeared to be a section of inch leather hose, with a revolving twist drill for a nozzle, the hose lying quietly on the floor and the drill or nozzle making a clean, smooth hole through a chilled cast wheel already perforated several times by the same means.

Following the "hose" backward and around a corner it was seen to terminate in the arbor of a rapidly revolving grooved pulley fastened temporarily to the floor and driven by a braided round leather belt, which after several corner turnings is seen to be driven by a grooved pulley high overhead. The mystery was explained.



THE STOW FLEXIBLE POWER TRANSMITTER.

company, at Virginia City; the Aurora, Keller, Dayton, the Sprout and several other mills on Carson river, besides a number of small establishments along Gold Canyon, one or two about Virginia City and several along Six-Mile Canyon, in the Flowery district. In the next number of these papers something will be said about the Ophir, Gould & Curry and other extensive works put up in 1861-2 at an enormous expenditure of money, but which, after a few years, ceased operations and were finally dismantled, with some remarks upon the causes that lead to these disastrous results.

REAR-ADMIRAL JAMES ALDEN died in this city on Tuesday last. Admiral Alden took part in the Mexican war, and was present at the capture of Vera Cruz and Tobacco. He commanded the *South Carolina* in 1861, the *Richmond* in 1862, and was at the engagement with Fort St. Philip and Jackson, and at the capture of New Orleans. In 1869 he was made Chief of the Bureau of Navigation.

The stagnation of certain manufacturing interests is indicated with terrible distinctness at Newark, N. J., where one-eighth of the population is dependent upon public charity.

One hundred and three deaths from small-pox were reported in London last week, the largest number during the present epidemic, except in the first week of January.

The "hose" was the sheath of what is termed a "flexible power transmitter"—a closely laid cable of steel wire which accommodates itself to any flexure, while transmitting unabated the rotation communicated to it (in the direction of its spiral) at the end. This cable has a high torsional but a low bending resistance.

The drill may be thrown in and out of gear in an instant. The power transmitted may be carried around, under or over any obstacle; and by it may be applied, to any angle, a twist or rabbit drill, a tap, die, diamond drill, wood auger, carving and polishing tool, horse clipper, or any other implement requiring rotation and rapid and easy adjustment.

Carried under a heavy casting, or into the manhole of a boiler, or wherever boring, drilling, polishing, etc., is required, the application and guidance by hand is all that is needed. Few more simple and convenient devices have been presented to notice, and each day new applications are presented. Cloth shearing and cutting and the cutting of flue tubes are easily effected by its means. The patentees are Stow & Burnham, No. 500 North Fifteenth street, Philadelphia.

A CALL has been issued for a meeting of the National Teachers' Association, to be held in Washington on the 1st, 2d and 3d of March. Subjects of interest to the cause of education have been arranged for discussion.

Whip-Making and the Effects of Steady Employment.

Simple as it appears, a first-class linen-plaited whalebone whip is constructed in an exceedingly interesting and ingenious manner, and it requires careful and honest management to uniformly produce a perfect and durable article. The stock for manufacturing must be judiciously chosen and the liquid or sticking material correctly compounded and applied in proper condition. The American Whip Company, of Westfield, Mass., well known in the trade in all American cities, is undoubtedly the largest factory in the world. In no other establishment is so large a variety of whips made in such perfection and great numbers.

Thirty years ago, says Mr. H. J. Buah (one of the leading founders of this company), a knife and plane were all the tools employed by a journeyman whip-maker. Now, we should judge that \$50,000 would not pay for the improved tools and machinery in this single establishment. The most ingenious in construction and operation is the plaiting machinery with its dozens of wheels revolving and carrying different strands of thread in an amazing number of different ways, rapidly forming perfect fitting braid to the varying surface of the whip-stock. One of the latest invented machines plaits the buttons on the stocks more evenly than, and as perfect as, the human hand.

The American Whip Company occupy a large four-story brick building, employing from 40 to 50 men when in full operation. One hundred and fifty dozen or about 2,000 whips can be turned out daily. Although the largest, this factory is only one of many equally well-deserving factories in the vicinity.

Westfield, for more than a quarter of a century, has been noted as being headquarters for whip and cigar-making in the United States. During the past 10 years the town has, from appearances, doubled in wealth if not in population. The braiding of horsehide and buckskin lashes, snaps, and the working of buttons, etc., on whips taken into the industrious homes of the villagers, has given the town a thriftiness rarely enjoyed of late years by their neighbors in other parts of New England. This exemplifies the great benefit to any community of having some light employment for women and children. Although the remuneration may be very low, such employment tells largely in its general results. Some such employment universal in California would produce a wonderful change in the happiness and prosperity of our people.

THE Centennial mine, Nevada county, has paid its first dividend, aggregating \$3,000. The *Foothill Times* says of the mine: When it is remembered that the Centennial is a new mine—that only a few months ago the locators of the mine were going round town soliciting parties to take a little stock in it at nominal or "bed-rock" rates, "just to help it on its feet you know,"—and that it has paid its expenses from the word go, and pays now dividend number one, amounting to more than the whole mine was held at a few months ago, we have a realization of why people will continue to put money into these legitimate mining enterprises, even though they do not all pan out as soon and as well as the Centennial. Some of them do and the average will turn out as well as most commercial ventures, if only good judgment followed by good management, go with the investment.

A USEFUL DEVICE.—We received a curious little arrangement this week from C. H. Barrows, of Willimantic, Connecticut. It is a device in the shape of a "moustache protector." It is a device to place on the edge of a cup to keep the moustache out of the tea or coffee, and is much better than the ordinary moustache cup. It is self-adjustable, and by means of spring clamps will fit any cup, tumbler, mug or bowl, and is really a useful thing for moustached gentlemen. It may be carried in the vest pocket, being made of very thin metal, nickel plated. The invention is a new one, and is just being introduced for sale.

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Comstock Papers.

The Washoe Pioneers and Their Successors—Herman Camp and His Eccentric Fortunes.

Very unlike the man spoken of in the last number of these papers—the original locators of the Comstock lode—were their immediate successors, the parties who bought them out, paying what were at the time considered extravagant prices for their claims. Foremost among this more advanced and better educated class of men was Herman Camp; not that he was the first to secure through purchase permanent ownership of a portion of the rich deposits on the great mother lode, this distinction being due to James Walsh and Joseph Woodworth, but Camp was the first to effect such a purchase, agreeing to pay for the interest secured a price denoting something like a proper appreciation of the worth of the new-found silver mines. Arriving in Washoe towards the latter part of July, 1859, Camp, who was a man of quick perception and possessed of a bold and speculative turn of mind, took in the situation at a glance and forecast the future of the country with wonderful correctness. He estimated the new ore find as being of the first importance, and rightly divined that an active mining industry would here grow up, requiring costly reduction works and a considerable town for its accommodation. Impressing these views upon other parties possessed of more money than their sanguine and eloquent adviser, he readily induced them to give him a contract for putting up a number of stone buildings in close proximity to the mines, no town site having as yet been laid out.

A Persuasive Talker.

Camp was not only an active, wide-awake sort of person, but a most persuasive talker; the fact that he succeeded in causing Comstock, at their first interview, to deed over to him his entire interest in the Ophir ground for a moderate consideration, only one dollar of which was paid down, being sufficient evidence of his power in this respect. This transaction took place on the 6th of August, on which day the purchaser was duly installed into the premises and commenced taking out ore from the excavation already opened. That night Comstock, meeting with his companions, was so much angered on the foolish bargain he had made, that he concluded, with their promised assistance, to go at once and take possession of the claim which he had, by a legally executed deed, transferred to another party, then in lawful and peaceable occupation thereof. This was accordingly done, and when Camp came in the morning to resume work he found the pit in the possession of an armed gang of ruffians, who threatened him with instant death should he attempt a forcible re-entry upon the ground.

A Fatal Mistake.

Being an eminently good natured and peace-loving man and feeling that he could by no possibility be in this manner ousted from his claim, Camp proposed that the matter be referred to a jury of miners, agreeing to abide by their decision in the premises, a proposition that his adversary readily acceded to, well knowing that he could give to this assemblage such a moral complexion as would insure a decision in his favor. The friends of Camp testified him against pursuing this course, pointing out the danger to which he would be exposed in doing so. Dr. Henry Degroot, who had long been acquainted with, and knew him to be an energetic, honorable man, well able and likely to perform all he had undertaken in his contract with Comstock, advised him strongly against submitting the question of his right to retain the ground to any such sort of arbitration, urging him to go at once to Genoa, the county seat, and put his deed on record, and then, if in fear of personal harm, to leave the country, sending to the courts for the vindication of his rights, and the ultimate restoration of his property.

Not wishing just then to go away, and confident that but one result could be reached by the proposed tribunal, Camp preferred to submit to them the matter for settlement. As had been foreseen, this meeting, when it came to assembly, was made up mainly of Comstock's old cronies; a whisky-soaked set, who having already prejudiced the case, decided as a matter of course against Camp, who, in accordance with his pledged word, surrendered his deed and gave up the contest. In relinquishing his claim to this property the acquisition of a splendid fortune was defeated when already within his grasp. Camp afterwards acquired large interests in the Gould & Curry and other valuable ground on the Comstock lode, and but for attempting to carry too much and sometimes holding on too long, might have come out largely ahead; as it was his Washoe experiences benefited him, but little in the end, his wealth when he came out having been reduced to the bare point where it stood when he started.

James Walsh and Joseph Woodworth.

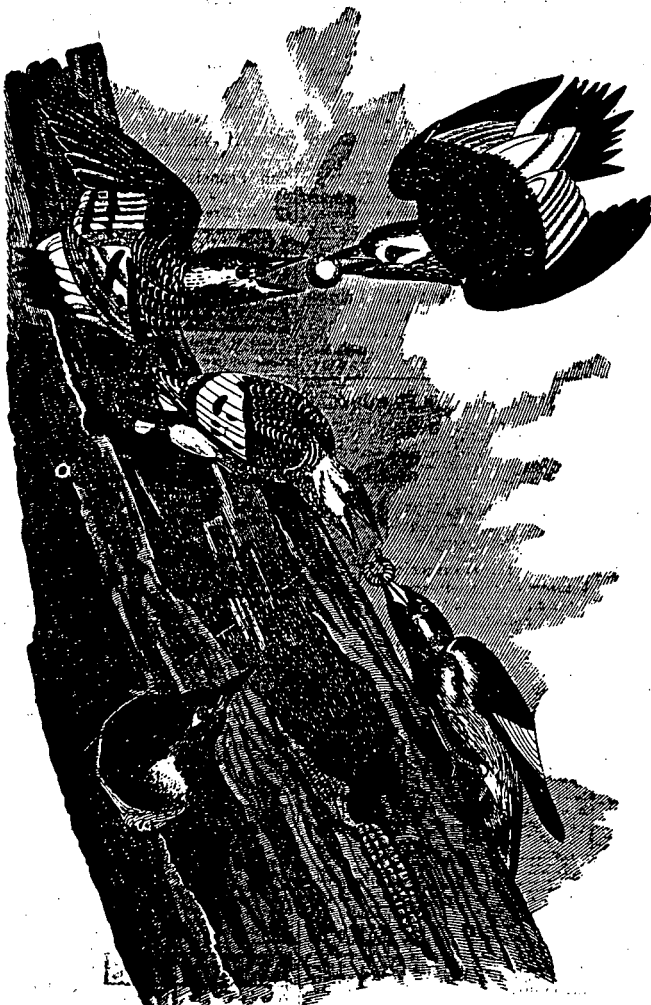
As already stated, these gentlemen bought the mining ground on their first visit to Washoe, which occurred in the latter part of June, 1859. At that time their attention was mainly occupied with the mines at Gold Hill, the rich and easy working ores of which in-

duced them to put up a series of arastras on Carson river for their reduction. Comstock had on various occasions importuned them to purchase his mining interests, but not until the 10th day of August did he succeed in making a sale to these parties, the conditions of which have in these papers heretofore been mentioned. They also soon after bought into several other claims, ranking before the end of 1860 among the largest mine owners along the Comstock. During that year Judge Walsh parted with the greater portion of his interests, realizing fair but not extravagant prices therefor. Woodworth, who held on to the most of his, became very wealthy, being able at one time to sell out for a million of dollars. Extending his operations at a period when labor and material were enormously high, and the methods of ore reduction were as yet both costly and imperfect, he met with heavy losses, and finally retired from Washoe with but a remnant left of his once large fortune. Judge Walsh, who undertook to treat the refractory ores of White Pine and other interior districts, erecting expensive smelting works for that purpose, also lost much money coming out of the country where he had at first succeeded so

the first proved and has for many years since been run as a successful concern. John O. Earl, Andrew B. McCreery, Alphens Ball, all of whom got a good financial send-off through fortunate investments in Comstock ground. M. C. Hillyer, Henry G. Blandell, afterwards Governor of Nevada, A. D. Perkins, Hiram Pierson, William F. Brant, Louis Schloss, J. McKinry, E. S. Gross, William N. Thompson, H. H. Raymond, extensively engaged in ore reduction, with a disastrous ending; the man who long and worthily bore the most exalted of all titles, "Honest" John Atchison; J. Neely Johnson, Frank M. Pixley, who made the journey over the mountains on his famous mule in midwinter, bought and, what was equally important, sold at the right time, adding materially to his already quite large and fairly earned wealth. There were, doubtless, others whose names should be included in this list, though we cannot just now recall them to mind.

Done With Earth

Of the persons here enumerated the following are deceased, nearly all of them having died with fortunes considerably reduced and some of them quite poor: Herman Camp, Donald



RED-HEADED WOODPECKER.

well, with an exchequer even more seriously depleted than that of his enterprising confrere.

Among the Men Who Became Largely Interested in the Comstock Mines.

Almost at the start, visiting them in person or porchasing on the representation of others, the following embraced perhaps a tolerably full list: Donald Davidson, after whom, because of the active and intelligent interest he took in the development of the new silver bearing region, the most conspicuous peak in the Washoe range was named. General Allen, partner with Donald Davidson in the purchase of Ophir, the two being early and quite extensive buyers into that ground. George Hearst and William Morrison, the latter being for a time at first superintendent of the Ophir. William M. Lent and B. F. Sherwood, owning and afterwards operating jointly and pretty largely in Washoe properties. Richard Ogden and J. Downes Wilson, who bought freely at the opportune moment and, through judicious management, made a good deal of money, some of which was afterwards sunk in the erection and running of a mill, a perfectly legitimate but not at that day always profitable line of business. Erasmus Bierrew and Joseph French, who bought the French & Sparrow ground at Gold Hill and soon after put up a large mill on the American ravine, which from

Davidson, B. F. Sherwood, E. Sparrow, E. S. Gross, William N. Thompson, H. H. Raymond, John Atchison and J. Neely Johnson, the two last mentioned having died at Salt Lake City, where they had gone, the first to look after mining, and the other to attend to some legal affairs.

BRITISH COLUMBIA MINES.—Advices from Fort Wrangell, dated September 30th, state that a large number of miners are waiting at Wrangell for steamers to bring them to Victoria. It is supposed there are 500 men yet to come down. The weather was fine at the mines, and a large number of claims were being worked. Several creek claims on Dease creek were paying well, and it is thought from prospecting that good gold diggings exist on that creek. Several good lodes have already been discovered. Good hill diggings have also been found on Thibet creek. The prospects on Rosalie creek are encouraging, and a large number of claims will be thoroughly prospected next season. The yield of gold from the Cassiar mines is not so large as last year, but they are by no means worked out. Many of the old hands will return next season. Magnetite iron ore, with deposits of coal, fire-clay and limestone, have been discovered on the east coast.

Red-Headed Wood-Pecker.

The red-headed wood-pecker, shown in our illustration, is well known throughout the United States. They prepare their nests in the large limbs of trees, adding no materials to the cavity which they smooth out for the purpose. Sometimes several perforations are found in the same tree; but living trees are seldom occupied by them. The same tree is employed for years in succession by a pair of these birds. The eggs, usually six in number, are white, marked at the largest end with reddish spots, in which last particular they differ from all others of the genus.

The mocking bird alone exceeds this wood-pecker in gaily and frolic. It everywhere abounds abundance of food and facilities for raising its brood. It is not much afraid of man, and will retreat but a short distance at a time from him, or even simply run around a tree or stalk, and peep from behind it at him; and this notwithstanding that man is its most dangerous enemy. So abundant and fearless are they at times in the Eastern States that a hundred have been shot in a day upon a single cherry-tree; for they not only feed upon the ripening fruit, but destroy immense quantities, even to the stripping of them. Pears, peaches, apples, figs, mulberries, and even peas are thus attacked. The corn, also, both when young and juicy and when near maturity, is a subject of their depredations. They also invade the abodes of pigeons, martins, and other birds, for the purpose of sucking their eggs. When their hunger is satisfied they are exceedingly playful, chasing each other from tree to tree, in curving sweeps, or following insects upon the wing. When they alight upon the ground they are quite agile, securing with ease the beetles seen from their perch. When the fruit is all gone their facility in detecting insects under the bark of trees is remarkable. Alighting upon the trunk one of them will stand motionless for a few moments; then he will strike the tree with his bill and again listen until he hears the motion of an insect or larva within, when he perforates the bark and devours his prey. In the season of ripe fruits their flesh is esteemed by many as rich food.

As a means of protecting fruits a bare pole is placed beside a tree, and reaching a little higher than its summit. Upon this the bird alights by preference, when a blow given to the pole below will produce such a vibration as will cause the bird to fall dead. In this connection we notice that Mr. Ralph Carr Ellison, of Durham, England, in an English journal, stating his success in expelling birds during the fruit growing season from his gardens by means of common cheap fire crackers and squibs, says: "My gardeners make use of a few, in different quarters of the ground, early in the morning; one or two occasionally during the forenoon, and then a more liberal discharge at three or four o'clock in the afternoon, when the birds again desire to feed. The sulphurous smoke that issues from the smoldering paper long after the reports are over deters the enemy by the scent of gunpowder and fear of fresh explosions far more effectually than would be supposed."

Items of Interest from the Mines.

In the Silver Hill mine the pump and column to connect the 444-foot station with the new water tank below the 550-foot station is all put in.

The superintendent of the Steptoe mine says: The ore body in Beady Oach is rapidly increasing in dimensions, and I am satisfied that in a week we will have as large a body of ore as any in the district. As I have stated before, this ore is not of a high grade, but will sell on the dump for from \$10 to \$20 per ton, and as it is of a soft character and cheaply mined, a large profit can be realized at these figures. The developments in the Herald are quite flattering. The ledge in the bottom of the incline is four feet wide. The indications now are that the whole space between the two walls is fast filling up. The foot and hanging walls are six feet apart.

The furnace of the Modoc Consolidated is turning out from 100 to 110 bars of bullion per day.

There is development in cross-cut number three, 800-foot level, of the Justice has very much improved.

The Silver City Reporter of October 29th says: "Superintendent William B. Gibbons, so well and universally liked here, has resigned the superintendency of the Brunswick mill, on the Carson, and Mr. Ross LaValliere of the Morgan mill has been appointed in his place. Superintendent Gibbons is one of the ablest mill men on the Comstock, and the Brunswick mill the best mill on the Carson. We are sorry to see them separated."

A large blower is being put in the 1500-foot level of the Consolidated Virginia to reduce the heat on the 1700-foot level.

Work has again been commenced on the south drift, 1700-foot level, of the Gould & Curry mine.

The water is now out of the South Comstock mine, and a cross-cut has been started for the east ledge on the 300-foot level.

At Gold Run, Placer county, the Miners' ditch company is having a new string of extra heavy large pipe made to convey water from the ditch down to the Indiana Hill claim.

Memorandum

Bacon mill material remaining from dismantling the mill

On hand July 1st 18831 Set 54 inch Steam Boilers - 16 feet long - together with the Smoke
Stack, Steam Drum, Grate Bars, &c.~~One 13 inch diameter shaft - 12 feet long - about
all the necessary tools
4 Battery machine
20. 21.~~

See Book "Mill Materials on hand"

September 1st 1883

Misc C 255
B.P. 17

Know all men by these presents that I William H. Brown
of the City of Virginia County of Storey and State of Nevada
for and in consideration of the cash of one Dollar to me
in hand paid by B. F. Sherwood of the County and State of
San Francisco State of California the receipt whereof is
hereby acknowledged. I for myself my heirs Executors
administrators and assigns hereinafter promise and
agree to and with the said Sherwood his heirs Executors
administrators and assigns that upon the payment of
his certain Promissory Note of which the following is
a copy I for myself my heirs Executors
administrators and assigns do hereby promise to pay to the order of the said
B. F. Sherwood or order at the agency of the Bank of California
in this City seven thousand Dollars with interest from
date at the rate of one (1) percent per month (of thirty days)
from date payable monthly in the like Gold Coin said
Interest of that paid as it becomes due to become a
condition of the Principal and bear the same rate of interest
until paid (Signed) "B. F. Sherwood"
Within six months after the date thereof according to the
terms and effect. I will by a good and sufficient
Deed of Conveyance grant bargain sell and convey to
the said B. F. Sherwood his heirs or assigns the known
and certain interest in and to that certain piece
or parcel of land and mill site situated and being in the
Town of Silver City in the County of Luna State of New Mexico
at the point where the main street of said Silver City runs
north and south intersects the road to Chama and
Dalton running east and west fronting one hundred
and fifty (50) feet on the road and extending back

131503

Know all men by these presents that I William H. Brown
of the City of Virginia County of Storey and State of Nevada
for and in consideration of the cash of one dollar to me
in hand paid by B. F. Sherwood of the City and County of
San Francisco State of California the receipt of which
hereby acknowledged I for myself my heirs and assigns
administrators and assigns do hereby promise and
agree to and with the said B. F. Sherwood his heirs and
administrators and assigns that upon the first day of
his certain Promissory Note of which the following is
a copy: I gave to Virginia City Aug 27 1867
On demand 100 at three percent per annum (of that sum
grace) for value received in Gold Coin of the United
States of the United States I promise to pay to the
Agent or order at the agency of the Bank of California
in this City Seven thousand Dollars with interest from
date at the rate of one (1) per cent per month (if thirty days)
from date payable monthly in the like Gold Coin said
Interest if not paid at it becomes due to become a
portion of the principal and bear the same rate of interest
until paid. (Signed) "B. F. Sherwood"
within six months after the date thereof according to its
terms and effect. I will by a good and sufficient
deed of conveyance grant bargain sell and convey to
the said B. F. Sherwood his heirs or assigns an undivided
one third (1/3) interest in and to that certain piece
or parcel of land and mill site situated and being in the
Town of Silver City in the County of Lyon State of Nevada
at the point where the main street of said Silver City run-
ning North and South intersects the road to Carson and
Dayton running East and West fronting one hundred
and fifty (150) feet on the road and extending back

131504

75 Haven Road

In witness I have hereunto set
my hand and affixed my official
seal at my office in said County
this day and year and the Clerk of said
Court do hereby certify that the
above written is a true and correct
copy of the original.



Covered in 1865 & 1866 State Records - said stone
cancelled. Recorded at request of H. H. H. H.
October 7th AD 1867 at 2 o'clock - 4 o'clock P. M.
C. D. McQuinn Recorder of Lyon County Nevada
J. G. Goodrich Deputy

No. 1459
 In the District Court
 of the First Judicial
 District of the State
 of Nevada, Lyon County

Mary E. Kelley as executrix
 of the estate of John Kelley
 deceased, Plaintiff

vs.
 R. D. Jackson,
 Defendant.

Judgment & Verdict of
 Foreclosure

Filed Nov. 12th 1900

A. J. Lottus
 Clerk

J. M. Kuffaker,
 Attorney for Plaintiff

Recorded this 12th day
 of November 1900
 in Judgment Book B
 Page 552 Records of
 Lyon County, Nevada
 A. J. Lottus
 Clerk

IN THE DISTRICT COURT OF THE FIRST JUDICIAL DISTRICT OF THE
STATE OF NEVADA, LYON COUNTY.

Mary E. Hulley, as executrix
of the estate of Thomas Hully, deceased,
Plaintiff.

-vs-

R. D. Jackson,
Defendant.

JUDGMENT AND DECREE OF FORECLOSURE AND SALE.

)))))))))

This cause coming on regularly to be heard this 12th
day of November, 1900, upon the complaint filed herein, the
22nd day of June 1900, taken as confessed by said de-
fendant R. D. Jackson, whose default for not answering there-
to has been duly entered herein as required by law F. M.
Huffaker Esq., appearing as counsel for plaintiff, no ap-
pearance for defendant.

said cause was tried by the court without a jury (plain-
tiff having duly waived a jury trial) and the Court having
heard proof sufficient to enable it to decide the case, and
it appearing to the satisfaction of the Court that due no-
tice of the pendency of this action was recorded in the office
of the County Recorder on the 22nd day of June 1900
(the time of filing the complaint herein), said notice con-
taining the names of the parties to and the object of this
action, and a description of the property affected thereby;
the evidence being closed and the cause submitted to the
Court for consideration and decision, and after due deliber-
ation thereon the Court delivered its findings and decision
in writing, and ordered judgment in favor of plaintiff in

accordance therewith.

Now therefore, it is ordered, adjudged, decreed and determined, that there is now due the estate of Thomas Hulley, deceased, and to the plaintiff herein as executrix thereof, upon the debt and mortgage set forth in the complaint, the principal sum of \$1000 gold coin of the United States with interest thereon until paid at the rate of nine per cent per annum, now amounting to the further sum of one hundred and three and 25/100, ^{dollars} together with fifty-five and 15/100 dollars attorneys fees provided for in said mortgage and costs of this suit taxed at the sum of ~~206.75~~ 31.65 ^{1190.05} 800.05 dollars. Said sums amounting in the aggregate to ~~1190.05~~ 800.05 dollars United States gold coin, and that one thousand dollars thereof bear interest from the 9th day of September 1899, until paid at the rate of nine per cent per annum and \$158.40 thereof bear interest from this date at the rate of seven per cent per annum.

It is further ordered, adjudged and decreed, that all and singular the mortgaged and encumbered property mentioned in the complaint herein, and hereinafter described, or so much thereof as may be necessary to raise the amount so found to be due to the plaintiff on said debt and mortgage as above stated, and costs in this suit taxed as aforesaid, and expense of sale, be sold at public auction by or under the direction of the Sheriff of Lyon County, where said mortgaged premises are situated; that the Sheriff give public notice of the time and place of such sale according to the course and practice of the Court, and the law relative to sales of real estate under execution; and that the plaintiff or any of the parties to this suit may become the purchasers at such sale.

That the said sheriff, out of the proceeds of said sale

and pay to the plaintiff, or her attorney, out of said proceeds, the amount so found due as aforesaid, or so much thereof as said proceeds of sale will pay of the same.

And that the said sheriff take receipts for the amount so paid, and return the same to this Court, with his report of sale, and that he bring the surplus money arising from said sale, if any thereof, into Court within five days after such surplus shall have been received, and shall be ascertained, to abide the further order of this Court.

That the ~~defendant~~ defendant and all persons claiming or to claim from or under him, and all persons claiming to have or having liens subsequent to said mortgage, and all persons claiming under them, and all persons claiming to have ~~acquired~~ acquired any interest or estate in said premises subsequent to the filing of said notice of the pendency of this action with the Recorder as aforesaid, be forever barred and foreclosed of and from all equity of redemption and claim of, in and to said mortgaged premises, and every part and parcel thereof, from and after the delivery of the said sheriff's deed. of American Real Estate Company on the north

And it is further adjudged and decreed, that the purchaser or purchasers of said mortgaged premises at such sale be let into possession thereof, on production of the Sheriff's deed for such premises or any part thereof.

And it is further adjudged and decreed, that if the moneys arising from the said sale shall be insufficient to pay the amount so found due to the plaintiff, as above stated, with the interests and costs and expenses of sale, as aforesaid, the sheriff specify the amount of such deficiency and balance due to the plaintiff in his return of sale, and that on the coming in of said return, a judgment of this court shall be docketed for such balance against the defendant R. D. Jackson, and that the defendant, R. D. Jackson, who is personally liable for the payment of the

debt secured by said mortgage, pay to the plaintiff the amount of such deficiency and judgment, with interest thereon at the rate of seven per cent per annum from the date of said last mentioned return and judgment, and that the plaintiff have execution therefor.

And it is further ordered, adjudged, and decreed, that the said sale be made for gold coin of the United States, and that the amount found due to the plaintiff at the time of such sale as above stated, be paid to her in like money, and that if there be a deficiency the judgment be therefor for the amount thereof in like gold coin.

The description and particular boundaries of the property authorized to be sold under this decree and by virtue thereof, so far as the same can be ascertained from the mortgage above referred to, or from the complaint filed in this action, are as follows, to wit:

All that certain lot, piece or parcel of land, situate in Silver City, Lyon County, State of Nevada, commencing at a certain stake on the East side ~~side~~ of the canon road at the junction of American Ravine running on the north side of Grizzly Hill and gold canon said stake being twelve feet nine inches westerly from a certain large boulder, and running thence from said stake in a southeasterly direction along the road one hundred and fifty feet to another stake on the east side of the road, thence easterly two hundred feet or more to a certain line of stakes, thence westerly along said line of stakes in an angling direction to a stake on the road, thence southerly along the road one hundred feet to the point of beginning. The above described property is that formerly known as the Kelsey Mill site, and is shown as such on the official map of record in the office of the County Recorder of Lyon County (Brown's

No. 1505

First
In the Second Judicial District Court

OF NEVADA

IN AND FOR THE COUNTY OF *Lyon*
~~WASCO~~

Bank of Nevada corporation
Plaintiff.

vs.
R. D. Jackson,
Defendant.

Writ of Attachment

Returned and filed *August*

25th A. D., 190*2*

D. H. Melarkey Clerk.

Clerk

W. C. Cross & Co.

Plaintiff's Attorneys



131511

A-17

== AMENDED RETURN. ==

SHERIFF'S OFFICE, Lyon County, Nevada.

Dayton, Nevada, September 9th, 1903.

I, D. P. Randall, Sheriff of Lyon County, State of Nevada, do hereby certify and return, that I received the annexed Writ of Attachment on the 13th, day of August, A. D. 1903, and pursuant to the commands thereof, did on the 13th, and 14th, days of August, A. D. 1903, seize, levy upon, and take in attachment all of the property belonging to said defendant, R. D. Jackson, mentioned and described in the original return, hereunto annexed, in the manner described in said original return, and did on the 8th, day of September serve a true copy of said Writ of Attachment, personally on said defendant, R. D. Jackson, by personally delivering to him a true copy of said writ of attachment, on said 8th, day of September, 1903, at the town of Dayton, in Lyon County, State of Nevada.

Dated this 9th, day of September, A. D. 1903.

D P Randall

Sheriff of Lyon County, State of Nevada.

By J S Douglass

Deputy Sheriff.

131512

True copy of said writ
the premises attached, in the Office of Mr. Recorder of said Lyon County Nevada. This 25th day of August A. D. 1903.

D P Randall

Sheriff of Lyon County Nevada.



This 10th day of August A. D. 1903

Attest my hand and the Seal of said Court, the day and year last

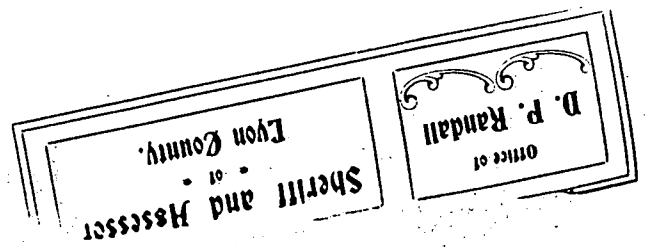
OF THE DISTRICT COURT OF THE UNITED STATES FOR THE DISTRICT OF NEVADA
IN RE: THE ESTATE OF R. S. JACKSON, DECEASED.
JAMES W. RANDALL, Sheriff of Lyon County, Nevada, vs. The Estate of R. S. Jackson, Deceased.
JAMES W. RANDALL, Sheriff of Lyon County, Nevada, vs. The Estate of R. S. Jackson, Deceased.
JAMES W. RANDALL, Sheriff of Lyon County, Nevada, vs. The Estate of R. S. Jackson, Deceased.

State of Nevada }
County of Lyon } ss

131513

I J P Randall Sheriff of Lyon County, Nevada
do hereby certify that under and by virtue of the Original
writ of Attachment, issued in the within entitled case
I did and do hereby levy upon and attach all the right
title interest and Estate of said R S Jackson of in and
to those certain lots and Buildings and parcels of
land, situate lying and being in the said County
of Lyon, State of Nevada, and more particularly
described as follows, to wit:
House and lot known as the Carpenter House, House and lot-
known as Williams House, Cyanide plant and lot opposite
the above, also House and lot on Hill east of Cyanide
plant, Mill and Mill site known as the Kelly Mill,
Barn and lot north of mill, House and lot known as
the Harkins House, Blacksmith Shop and lot south
of the Harkins House. And by posting a true copy
of said writ of attachment on each of the above
described premises on the 13th and 14th day of
August A D 1903, And by filing the within
true copy of said writ, together with a description of
the premises, attached, in the Office of the County
Recorder of said Lyon County Nevada, this 25th
day of August A D 1903.

J P Randall
Sheriff of Lyon County



IN THE
FIRST
Second Judicial District Court of the State of Nevada,
 IN AND FOR THE COUNTY OF ~~WASHOE~~ LYON.

BANK OF NEVADA, a corporation,
 Plaintiff.

vs.

R. D. JACKSON,
 Defendant.

Lyon

The State of Nevada to the Sheriff of ~~Washoe~~ County, Greeting: **First**

WHEREAS, The above entitled action was commenced in the ~~Second~~ **First** Judicial District Court of Nevada, in and for the County of ~~Washoe~~ **Lyon**, by the above-named Plaintiff, to recover from the said Defendant in said action the sum of Five Hundred and twenty and 33/100 dollars, (including \$100.00 for attorneys fees)

on \$263.00 or thereabouts, in United States gold coin, besides interest at the rate of ten per cent. per annum from April 20th., 1901, and on \$119.96 at the rate of 7% per annum from the first day of June A. D., 1900, and costs of suit; and the necessary affidavits and undertaking having been filed as required by law.

Now we do therefore command you, the said Sheriff, that you attach and safely keep all the property of said Defendant, ~~or either of them~~, within your said County, not exempt from execution, or so much thereof as may be sufficient to satisfy said Plaintiff's demand, as above mentioned; unless the said Defendant give you security, by the undertaking of at least two sufficient sureties, in amount sufficient to satisfy such demand besides costs, in which case you will take such undertaking and hereof make due and legal service and terms.

WITNESS Hon. M. A. Murphy, Judge of the ~~Second~~ **First** Judicial District Court,

this 13th day of August A. D. 1903

Attest my hand and the Seal of said Court, the day and year last above written

D. W. Melin Key Clerk.

Deputy



A010202

D. Sewell

to

(June 25, 1873)

Geo. B. Sterford, Agent for Jas. G. Fair & others.

Right of Way
for sluices
over the Golden
Age mill
Property -
Silver City.

Agrees to allow Geo. B. Sterford to cross the Golden Age mill property with boxes for the purpose of taking the water from the Kelsey mill sluices; - reserving the right to remove said sluices from the premises after notice given to either Mackay, Fair, or their Agent, of not less than 24 hours or more than 48 hours.

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177
in Eagle Valley Carson County, Utah Territory
as described in the words of the following
certificate, viz

No. 54 Certificate

Territory of Utah Carson County

Genoa, August 18 1856

Baker of Eagle Valley, Block No 1, 100 Acres
as plotted in Eagle Valley, Survey of Farming &
Meadow Land, containing One Hundred acres
more or less

Andrew J. Stewart
Deputy Co. Surveyor

Also a certain tract containing seventy five
(75) acres more or less bounded North East by
St Kings Ranch west by Stebbins, and South
by Baker, according to Stewart & Niles Survey
and recorded in Records of Carson County
together with all the privileges & appurtenances
thereunto belonging, to have & to hold the
same unto the said John Sparks his heirs
&c forever

In testimony whereof I have hereunto
set my hand and seal this the twenty fourth
day of October A.D. Eighteen Hundred and fifty
nine

B. L. King

(L)

In the presence of

O. H. Reeson

Read for Record

Benj Newd

Dec 21/59

Notice

Is hereby given that I have this day taken up
and located One hundred and sixty acres
of Land in accordance with the laws of Utah
Territory for Farming and Ranching
purposes, Boundaries of which is as follows.
To wit, Commencing at a stake near the
devils Gate and South west of Gold Canon
thence in a Easterly direction to a stake at Spanish
Ravine, thence down said Ravine in a South
Easterly direction to a stake on Negro Ravine,
thence in a Westerly direction to a stake at the junction
of Gold Canon and thence in a Northerly direction to
the place of beginning.

C. S. Kellogg

Located Dec 17th 1859

131515

Land Claim
C. S. Kellogg

Read for
Record
Dec 22/59

and I have signed this acknowledged to me that he executed the said foregoing his instrument freely and voluntarily for the uses and purposes therein mentioned and that the same was his free act and deed

Seal as
Notary
Public
for the
State of
California

In testimony whereof I have hereunto set my hand and
affixed my official Seal as such Notary and Commissioner
of the City and County of San Francisco
and State of California this First day of February
in the year one thousand eight hundred and sixty one
A. J. Thibault

Notary Public in and for the City and
County of San Francisco and Commissioner
for Utah in California

[Endorsed] Dated January 31st 1861. Acknowledged to me by T. Arnold Koenig
Power of Attorney. Recorded at request of A. Koenig. Aug 21. 1861
at 16 Min past 3:30 in the 11 of Powers of Attorney Page 505"

Filed 8 1/2 and 2 November 1861. Recorded at San Francisco 1861. Acknowledged to me by

Wm. May, (Boulton & Kellogg. Article of Partnership in "Phoenix Mill Co.")

This Agreement made and entered into this seventeenth day of August 1861
between Charles Wm. May, A. P. Boulton and C. F. Kellogg all of Silver
City, Nevada Territory, and equal owners of the Phoenix Mill formerly
known as Kellogg's Mill situated in Gold Canyon Silver City, Territory, that
the said parties mutually bind themselves to erect a new mill on the premises adjacent
and joining the present mill; to be driven by Steam Power, to have forty stamps
more or less, and such other machinery as the parties hereunto may deem necessary for the
reduction of ore bearing Gold and Silver. And they do further agree to apply
the proceeds of the present mill as a special fund for the purpose of erecting the
aforesaid new mill, and no dividend can in any wise be taken of such fund, so
created until the so contemplated mill is finished, complete and profitable; nor
shall any apportionment or apportionment be levied upon any one of the parties to this covenant
but it is understood that the parties hereunto may draw from said fund the amounts
at various times necessary for the maintenance of their respective families, and that they
may collectively draw from time to time such sums as may be requisite to comply with
and fulfil the terms of an Article of Agreement made between C. F. Kellogg and Charles
Wm. May and A. P. Boulton, dated March the Twenty second A.D. 1861. so far as said
Article of Agreement relates to the interest on money upon Five Thousand Dollars (\$5,000)
therein mentioned and specified. And it is likewise understood that no condition
of this indenture shall be so construed as to prevent the parties hereunto having the imme-
diate supervision and control of said mill from making such advances upon net earnings
for to be returned at said mill. And the parties to this Agreement further agree that
for the purpose of carrying their present business they do hereby enter into a partnership
under the name style and firm of The Phoenix Mill Company, in which partner-
ship or Company every member thereof shall have an equal interest with full and
equal power to advise and consult upon all business relating to said Company, except
only in such cases as may now or may hereafter be delegated to any one or two of the
members of said Firm; it is further agreed that each of the parties to this Agreement shall have
at all times free access to and inspection of all books of accounts and other
matter belonging to the said Phoenix Mill Company. This further Comprehended

that the business of said Firm shall be exclusively the conducting, reserving, holding and selling, and such one may be reduced by contract for other parties or from their own series which they may now or hereafter have in their possession. The Capital Stock of each member of said Company shall be his one third interest, and to this extent and no further goes his respective responsibility nor at any time may any member of said Company overdraw his said interest. And it is further agreed by the parties hereto, that they will not transact "going bail", security or Bonds, in any way for any person or persons or in any way dispose of his interest in said Firm, nor shall any member of this Company loan money, or otherwise dispose of any interest in the Fund of this Company or unless by mutual consent of all parties. The term of this Partnership shall extend for two years from the date of this Indenture, at which time it may be renewed at the option of all parties. And for the full and faithful performance of all these covenants and agreements the said parties have hereunto set their hands and seals in Salem City, Canada Territory, on the day and year first above written.

Witnesses
Louis A. Boulton
& Hart.

Chas. H. May
A. P. Boulton
C. S. Kellogg

Seal
Seal
Seal

Filed & Oct. 6 & 4th St. New York 1881. Received 10th Nov 9, 1881. Isaac H. May

John J. Mayser. to R. P. Hemmickson Bond.

Know all men by these Presents, that J. J. Mayser of the Town of Carson City, Nevada Territory, and he do and firmly bind unto R. P. Hemmickson of Idaho Territory in the sum of Fourteen Hundred (\$1400) dollars, lawful money of the United States of America to be paid to the said R. P. Hemmickson, his executors administrators or assigns; for the which payment well and truly to be made I bind myself my heirs executors and administrators jointly and severally firmly by these presents, sealed with my Seal. Dated the second day of November one thousand eight hundred and eighty one. The Condition of the above obligation is such, that Whereas on the 3rd day of October A.D. 1881, the said J. J. Mayser sold by agreement to said R. P. Hemmickson certain property in said Carson City described as follows, to wit: Beginning on the South East corner of Carson & Robinson Streets, running thence Southwesterly along the Easterly line of Carson Street thirty four feet - thence Easterly at right angles eighty feet - thence Southwesterly at right angles one hundred & thirty feet - thence Westerly at right angles eighty feet to said line of Carson Street - thence Southwesterly thirty four feet to the N.E. corner of Carson & Spear Streets; thence Easterly one hundred & seventy feet to the N.W. corner of Spear and Plaza Streets - thence Southwesterly one hundred and seventy feet to the N.W. corner of Plaza & Robinson Streets, and thence Westerly one hundred and seventy feet to the point of beginning, same being a portion of Block Number 53 as described on the Map of said Carson City in the Northwesterly subdivision thereof; for the sum of seven hundred dollars to be paid as follows, to wit - Two hundred dollars in 30 days - Two hundred & fifty dollars in four months and the remaining Two hundred and fifty dollars in seven months from said 3rd of October: And whereas the first payment of Two hundred dollars has now been duly made by Henry Grace acting as agent of said R. P. Hemmickson. Now therefore, of the said R. P. Hemmickson shall pay or cause to be paid to said J. J. Mayser the further sum of Three hundred dollars at the time specified for the payment thereof as hereinafore named and upon such just and true payments, the said J. J. Mayser shall and will upon demand of said

This Indenture made the Nineteenth day of April in the year of our Lord one thousand and eight hundred and seventy five Between Theodore Phelps of San Francisco State of California as party of the first part and the Pacific Mill and Mining Company of the State of Nevada as the party of the second part Witnesseth that the said party of the first part for and in consideration of the sum of fifteen hundred (1500) dollars gold coin of the United States of America to him in hand paid by the said party of the second part the receipt whereof is hereby acknowledged has granted bargained sold conveyed, remised, released and forever quit claimed and by these presents does grant bargain sell convey remise release and forever quit claim unto the said party of the second part and to its heirs and assigns all the right title interest estate claim and demand both at law and in equity and as well in possession as in expectancy of the said party of the first part of in and to all that certain lot piece or parcel of land situated lying and being in the Townsite of Silver City County of Sycamore State of Nevada and bounded and particularly described as follows to wit: Beginning at the N.E. cor. State of Cal No 127 in Tract A of Silver City townsite as surveyed and recorded in the Sycamore County Records office in Dayton in June 1874, and running thence 1st course N 65° W 838 feet thence 2nd course S 25° W 546 feet thence 3rd course along the N.W. boundary of lot No 104 N 62° 10' E 199 feet to N.E. cor of said lot No 104 thence 4th course S 19° 10' E 267 feet thence 5th course N 85° E 614 feet thence 6th course N 25° E 272 feet to the point of beginning containing 8, 5/8 acres Bearings true magnetic Variation 16° E this parcel of land being a part of the above said lot No 127 in Tract A of said Silver City Townsite, Together with all and singular the tenements hereditaments and appurtenances thereto belonging or in any wise appertaining and the rents issues and profits thereof To Have and to hold all and singular the said premises together with the appurtenances unto the said party of the second part its heirs and assigns forever It is hereby provided that the party of the second part acquire no title to any mine of gold Silver Linnabau or Copper held under existing laws of Congress and situated in said described tract of land

In Witness Whereof the said party of the first part has hereunto set his hand and seal the day and year first above written
Signed sealed and Delivered in presence of A. W. Drase } Theodore Phelps

State of Nevada } ss.
County of Storey }

On this Nineteenth day of April A.D. one thousand and eight hundred and seventy five personally appeared before me A. W. Drase a Notary Public in and for the County of Storey Theodore Phelps whose name is subscribed to the annexed instrument as a party thereto personally known to me to be the same person described in and who executed the said annexed instrument as a party thereto and who duly acknowledged to me that he executed the same freely and voluntarily and for the uses and purposes therein mentioned.



In Witness Whereof I have hereunto set my hand and affixed my official seal this day and year in this county first above written

J. M. Drake

Notary Public, Storey County, State of Nevada

Recorded at request of J. L. Lyons April 21st A.D. 1875 at 10 o'clock past 10 A.M.
J. P. Gilpin

Recorder of Storey County, Nevada

This indenture made the tenth day of April in the year of our Lord one thousand eight hundred and seventy five Between William Lee and Lelia Lee his wife of Sacramento California of the first part and the State Lumber Company a corporation created and existing under the laws of the State of California the party of the second part Witnesseth that the said parties of the first part for and in consideration of the sum of One hundred dollar and coin of the United States of America to them in hand paid by the said party of the second part the receipt of which is hereby acknowledged have granted sold conveyed and by these presents do grant bargain sell and convey unto the said party of the second part and to its successors and assigns forever all these certain pieces or parcels of land situate lying and being in the County of Storey State of Nevada described as follows to wit: The South West quarter of the South West quarter of the NW 1/4 of Section Five (5) in Township 12 North Range 22 East according to the public surveys of the United States containing thirty acres together with all and singular the tenements and appurtenances thereto in anywise appertaining and the reversion and reversionary remainder and remainders hereto issues and profits thereof and also all the estate right title interest property possession claim and demand whatsoever as well in law as in equity of the said parties of the first part in and to the said premises and every part and parcel thereof with the appurtenances to have and to hold all and singular the said premises together with the appurtenances unto the said party of the second part its successors and assigns forever

In Witness Whereof the said parties of the first part have hereunto set their hands and seals the day and year first above written

Signed sealed and delivered in the presence of
the said "successor" on line thirteen and on
line thirty eight first being interlined
Julius Weglar

William Lee
Lelia Lee

Official Seal

131519

State of California } ss
County of Sacramento } on this Tenth day of April A.D. 1875 before me Julius Weglar a Notary Public in and for the County of Sacramento personally appeared William Lee and Lelia Lee his wife known to me to be the persons whose names are subscribed to the within Instrument and acknowledged to me that they executed the same and appeared in connection with the hearing of her husband. I made her acquainted with the contents of the Instrument and she upon that acknowledged to me that she executed the same and that she does not wish to retract such acknowledgment



In Witness Whereof I have hereunto set my hand and affixed my official seal at my office in the City and County of Sacramento the day and year in this Certificate first above written

Julius Weiglar

Notary Public

Recorded at request of Sutter Tunnel Co April 22 A.D. 1875 at 2 o'clock

10 A.M.

J. T. Gilpin

Recorder of Sutter County Nevada

131520

This Indenture made the Twenty Third day of April in the year of our Lord one thousand eight hundred and seventy five between Mr. Sutter and State of Nevada party of the first part and S. L. Brown of Dayton County State of Nevada party of the second part Witnesseth that the said party of the first part for and in consideration of the sum of one hundred & eighty (\$180.00) dollars gold coin of the United States of America to him on hand paid by the said party of the second part there receipt whereof is hereby acknowledged has granted bargained sold conveyed and confirmed and by these presents does grant bargain sell convey and confirm unto the said party of the second part and to his heirs and assigns forever all and singular that certain piece parcel or tract of land situate lying and being in the town of Dayton County of Nevada described in U.S. title deed from Wm. Hayden to said Mr. S. L. Brown and duly recorded in Book G of S. L. S. folios 358 & 9 as follows to wit: Commencing at a point in form which the Surveyor in the S. R. Track marking the centre of Section No. 23 Township 14 N. Range 21 East Bears S 14° 45' W distant 150 feet and running thence S 1° 15' E 150 feet thence N 88° 45' W 200 feet thence S 1° 15' W 150 feet thence S 88° 45' E 200 feet to the place of beginning Together with all and singular the tenements hereditaments and appurtenances thereto belonging or in anywise appertaining and the revenue and revenues, remainder and remainders unto issues and heirs thereof and also all the estate right title interest Homestead property possession claim and demand whatsoever as well in law as in equity of the said party of the first part of in or to the above described premises and easements and parcels thereof with the appurtenances To Have and to Hold all and singular the above mentioned and described premises together with the appurtenances unto the said party of the second part and to his heirs and assigns forever And the said party of the first part and his heirs the said premises in the quiet and peaceable possession of the said party of the second part his heirs and assigns against the said party of the first part and his heirs and against all and every person and persons whomsoever lawfully claiming or to claim the same Shall and Will Warrant and by these presents forever Defend

In Witness Whereof the said party of the first part as hereunto set his hand and seal the day and year first above written

Signed Sealed and delivered in the presence of

M. O. Folsom

(Seal)

State of Nevada
County of Lyon On this Twenty Third day of April A.D. one thousand eight hundred

SHERIFF'S OFFICE,

To _____, 18

You will please take notice that all moneys, goods, credits, effects, debts due or owing, or any other personal property in your possession, or under your control, belonging to the within named defendant, or to either of them, are attached by virtue of a writ of which this is a copy, and you are notified not to pay over or transfer the same to any one but myself. Please furnish a statement.

ANSWER.

To notice of garnishment and demand for a statement served on me, this _____ day of _____, A. D. 18 _____, by the Sheriff of ^{Lyon} ~~Ormsby~~ county, under and by virtue of an _____ issued in the above-entitled cause my answer is:

That I am _____ indebted to _____, said defendant, in the sum of _____ Dollars, and that I have in my possession and under my control _____ personal property belonging to said defendant, to wit: _____

Dated this _____ day of _____, A. D. 18 _____

_____, Sheriff.
_____, Deputy Sheriff.

Reg. No. _____

Judge's No. _____

In the District Court of the First Judicial

District of the State of Nevada,

In and for the County of ^{Lyon} ~~Ormsby~~.

Jane Laity Plaintiff

VS.

William Armstrong Frank
Armstrong and William Royce Defendant

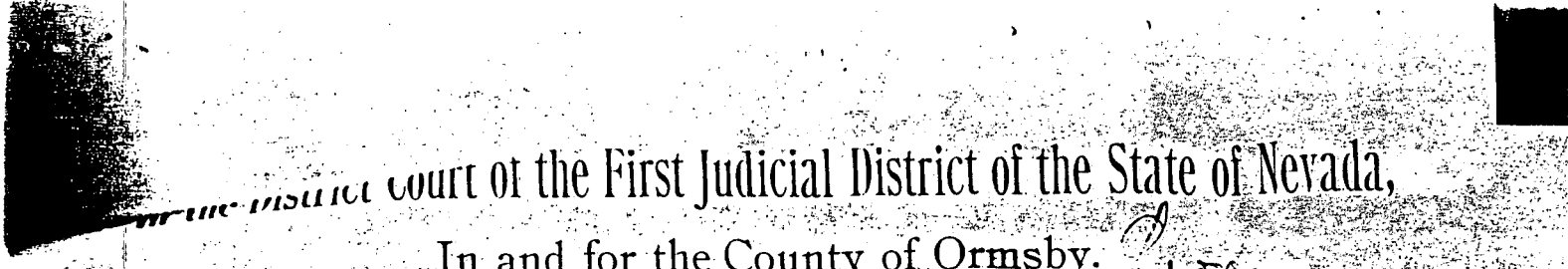
EXECUTION,

Filed this 28th day
of Sept., A. D. 1890

By ^{Geo W. Lawrence} ~~Geo W. Lawrence~~ ^{Deputy Sheriff} ~~Deputy Sheriff~~

Attorney for Plaintiff

131521



Court of the First Judicial District of the State of Nevada,
In and for the County of Ormsby.

The State of Nevada to the Sheriff of Ormsby County, Greeting:

Jane Larty
vs.
William Armstrong, Frank
Armstrong and William Boyce

Plaintiff...
Defendant...

Execution.

WHEREAS, on the 28th day of May A. D. 1898
the above-named defendants recovered a Judgment in said District Court of the State
of Nevada, Lyon county, against the above-named Plaintiff
for the sum of Two Hundred
and Eight ²⁴/₁₀₀ Dollars, ~~with interest~~ costs of
suit at the rate of per cent. per
from

~~until paid, together with costs and disbursements, at~~
~~the date of said judgment, and accruing costs, now amounting to the sum of~~
~~as appears to us of record.~~

AND WHEREAS, the Judgment Roll in the action in which the said action
was entered is filed in the Clerk's office of said Court in the County of Lyon
and the said Judgment was docketed in said Clerk's office in the said Ormsby
county, on the day and year first above written.

And the sum of \$ 208.95 ~~with interest and~~ costs as aforesaid, is
now (at the date of this writ), actually due on said Judgment.

NOW, YOU, THE SAID SHERIFF, are hereby required to make the said sum
due on the said Judgment, for ~~damages, with interest as aforesaid, and costs~~
now and hereafter accruing costs, to satisfy the said Judgment

out of the personal per-
sonal property of the said Judgment debtor
or if sufficient personal property of said Judgment debtor can not be found, then
out of the real property in your County, belonging to Jane Larty
on the day whereon said Judgment was docketed in the aforesaid Ormsby County,
or at any time thereafter; and make return of this writ within sixty
days after its receipt by you, with what you have done endorsed thereon.

District
Court
Seal

WITNESS my hand and the seal of said Court this
27th day of September A. D. 1898
A. J. Loftus Clerk.
Deputy.

A true copy
L. P. Randall,
131522
Sheriff of Lyon County Nevada

131523

Sheriff's Office, Dayton, Lyon Co. Nev.

September 28th 1900.

Notice is hereby given that under and by virtue of a writ of execution issued out of the District Court of the First Judicial District of the State of Nevada, Lyon County, on the 27th day of September, 1900, I have this 28th day of September, 1900, levied upon an undivided two-thirds interest belonging to Jane Laity, in and to a quartz mill, known as and called Foote's Two Stamp Mill, and the water right and reservoir used in connection therewith, and also the mill site on which said mill is situate, all of which said property is situated in Lower Silver City, Lyon County, Nevada, to satisfy the judgment described in the writ of execution, a copy of which is hereto attached.

D. P. Randall,

Sheriff of Lyon County, Nevada.

MINING LOCATIONS

State of Nevada)
)ss.
County of Lyon)

Sol Martin being first duly sworn deposes and says that within sixty days of the date hereof he has or at his request has had expended for improvements and labor performed for the year of 1902 the amount of over one hundred dollars, on the mining claim known as and called the Far West, situate in the Devils Gate and Chinatown Mining District, County of Lyon, State of Nevada, owned and claimed by John Boushard, Joe Rochon and Sol Martin.

The character of said labor and improvements performed is as follows, to wit:
In repairing the tunnel, and in putting in timbers and in running a drift

Sol Martin.

Subscribed and sworn to before me this 3rd day of February Oct., 1902.

(Recorders seal)

F.W. Downey

County Recorder.

Recorded at request of Sol Martin Oct., 3, A.D. 1902 at 5 o'clock P.M.

F.W. Downey
County Recorder.

Notice is hereby given to whom it may concern, that I, Edgar Hoy, a citizen of the United States, over the age of twenty one years, do hereby on this 3rd day of Oct., 1902, locate and claim the following piece and parcel of ground, in accordance with the laws of the United States, and the laws, customs, and regulations of the State of Nevada, which said piece and parcel of ground is situate in Silver City, Lyon County, State of Nevada, and described as follows, to wit: Commencing at a post marked No. 1, the north east corner of said parcel of land, and running thence west 250 feet to post No. 2, as marked, the north west corner of said parcel of land; thence running south three hundred feet to post No. 3, the south west corner of said parcel of land; thence running east one hundred feet to post No. 4, the south east corner of said parcel of land; thence three hundred feet north to post No. 1, the point of beginning. This ground is situate westerly from and adjoining what is known as the Dayton road and is located and claimed by me as a mill-site, and the name of the quartz mill situated upon said ground is the "Hoy" mill and contains an area of about 1 acre. I intend to hold and occupy said piece and parcel of ground and occupy the same as a mill-site in accordance with the law in such case made and provided.
Located this 3rd day of Oct., 1902.

Edgar G. Hoy.

Locator.

Recorded at request of Richard Hoy October 15, A.D. 1902, at 25 min. past 9 o'clock, A.M.

F.W. Downey
County Recorder.

132911

Memorandum of understanding made at
 the City of San Francisco State of California this 1st day
 of December in the year One thousand eight hundred and
 sixty six Between the Corporation known as the
 San Francisco Mining Company a mining corporation organized and existing
 under the laws of the State of California and the
 principal place of business of said corporation being
 parts of the first part and Henry Sweetapple and
 Adolphe Kirschman both of said City of San Fran-
 cisco parties of the second part witness that the cor-
 poration party of the first part being the owner of the
 following property, viz: 1. That certain piece or parcel
 of ground situate near Silver City in the County of Inyo
 and State of Nevada formerly claimed and possessed
 by the Washoe Gold and Silver Mining Co. together
 with the quartz mill standing thereon and be-
 longing thereto with its appurtenances and the water
 rights franchises and privileges of the said
 mill being near what is called the "Devil's Gate" and
 formerly known as the "Pioneer Mill" and now known as the
 "Devil's Gate Quartz Mill" 2. A lot of new castings and
 other chemicals used in the reduction of gold ore
 and other articles being what are usually denomi-
 nated supplies for the working of a quartz mill. The said
 parties of the first part has agreed to and with the said parties
 of the second part and their successors and assigns to
 sell them all of said property upon the price and upon the
 conditions following, that is to say: - First. The price of
 said land and the quartz mill water right etc. is to be
 Five thousand Dollars in Gold Coins of the United States
 to be paid as follows at the banking house of Messrs
 "Sims & Weston" in said San Francisco in said Gold
 Coins in installments, the first installment to be Five
 thousand Dollars (\$5,000.) payable on the first day of January
 A.D. 1867. The next and each of the following installments
 to be Fifteen Hundred Dollars payable on the first day of
 each and every month thereafter until the whole pur-
 chase money (including the purchase money of the equip-
 ments herein after mentioned) is paid with the interest on
 each of said installments from the date of the receipt

132912

The City of San Francisco, California, do hereby certify that on the
 day of December, 1867, the following deed was recorded in the
 City of San Francisco, California, to wit: A deed from the
 said City of San Francisco, California, to the said City of San Francisco,
 California, under the name of the said City of San Francisco, California,
 principal place of business, and the said City of San Francisco,
 California, of the first part, and the said City of San Francisco,
 California, of the second part, to wit: That the said
 Corporation, first of the first part, being the owner of the
 following property, viz: 1. That certain piece or parcel
 of ground situate near Silver City in the County of Sonoma
 and State of Nevada, formerly claimed and owned
 by the Washoe Gold and Silver Mining Company, together
 with the quartz mill and water rights thereon and
 longuing thereto with its appurtenances and the water
 rights franchises and privileges of the said
 mill, being near what is called the Nevada State and
 formerly known as the Pioneer Mill and now known as the
 "Deer Gate Quartz Mill" 2. A lot of new castings, guns
 and other articles used in the education of ore, oil and
 other articles, being what are usually denominated
 supplies for the working of a quartz mill. The said
 City of San Francisco has agreed to and with the said
 City of San Francisco and then the said City of San Francisco
 sell to them all of said property upon the price and upon the
 conditions following, that is to say: First, the price of
 said land and the quartz mill, water rights etc. is five
 thousand dollars in gold coin of the United States
 of America to be paid at the banking house of Messrs
 Carse & Weston in said San Francisco in said coin
 in installments, the first installment to be five
 thousand dollars (\$5,000) payable on the first day of January
 A.D. 1867, the next and each of the following installments
 to be fifteen hundred dollars payable on the first day of
 each and every month thereafter until the whole sum
 of five thousand dollars (including the five hundred dollars of the first
 installment after mentioned) is paid with the interest on
 each of said installments from the date of the respective

132913

interest in the same until its payment at the rate
 of one and a half percent per month. It is un-
 derstood that there is a mortgage on this property
 in the State of California to secure the payment of
 \$5000. which the parties of the second part agree to pay
 at the maturity and payment of said loan to said
 mortgagee or its assigns shall be allowed from
 the proceeds of the same upon the purchase money, a
 forward receipt an inventory of said supplies shall
 be immediately taken and the cost price thereof in
 Gold Coin shall be added to the sum of twenty
 five thousand dollars, above mentioned and to
 be paid in Gold Coin as hereinbefore provided.
 Third: In addition to the mortgage of \$5000. a
 bond mentioned it is understood that the party of
 the first part is indebted to More and Riordan of
 Gold Hill Nevada in about Twenty One Hun-
 dred dollars for new boilers now being put in
 said Mill for which a draft in favor of Geo. C.
 Johnson & Co. was accepted by said Committee
 Co. on 12th Nov. 1866. which draft the parties of the
 first part agrees to pay. but the balance of the cost of
 said boilers is to be paid by the parties of the
 second part. Fourth: As soon as the price of said
 supplies is ascertained and agreed on, as
 said the parties of the first part agreed to deliver and
 show of all of said property to the parties of the
 second part upon receiving a certified check
 any responsible bank in said San Francisco
 for the amount of said first installment of \$5000.
 Check to be payable on the first day of Jan. 1867.
 Next: Fifth: As a part of this agreement the
 party of the first part has caused to be made
 executed of even date herewith, a deed of
 bargain and sell of said Mill, land, and
 etc. and has caused the same to be deposited
 at said San Francisco as an Escrow to be deliv-
 ered to the parties of the second part or their assign-
 on the full payment of the purchase money of said
 mill and supplies with interest at the time and

[illegible]

in the manner and on the terms stated herein. The parties of the first part agree to sell the above described property to the second part and said property to remain in the second part to its self in case of loss by fire or other cause. The first part of said purchase money shall be paid at once and the remainder for the benefit of the second part shall be paid in installments from the full payment of said purchase money and interest to arise on the said property to the first part of the second part or their assigns. The parties of the second part on their part for themselves their heirs, executors, administrators and assigns, Covenant and agree with the parties of the first part, its successors and assigns that they will well and truly pay each of said several installments of purchase money and interest in gold coin of the United States of America at the Bank of Messrs. Ketch & Boston in San Francisco at the times above mentioned, and until the full payment thereof will not tear down said mill or any of the machinery thereof or commit any trespass or waste of said property but will use the same in a careful and diligent manner at the place where the same is now situated. One witness whereof this indenture having been approved by the Board of Trustees of said Gold Mining and Leasing Company is now executed by said Board and the parties of the second part have hereunto set their hands and seals this 17th day of December 1866.

the word "twenty five" on the 24th line from top.
second page stricken out, and the word
fifteen interlined on same line do not be
presuming witness H. M. Morgan.



Witness as to signature of
Henry Sweetapple
John B. Harmon

Geo. H. Stewart
President of Company Silver Mining Co.
Henry Sweetapple Secy
H. M. Melman Clerk

The word "here of" on second line this day
page from top. Stricken out and the word
to its respective notes given therefore
interlined before signing H. M. Morgan

135915

State of California S3
County of San Francisco 37

On the 27 day of December A.D. 1864 before me, D. M. Morgan a Commissioner of Deeds for the State of Nevada and residing in the City & County of Esmeralda personally appeared J. B. Kearney personally known to me to be the same person whose name is signed as a witness to the signature of Henry Gustaf Apple of the parties who signed and executed the foregoing instrument and the said J. B. Kearney being before duly sworn deposed and said that he resides in the City & County of San Francisco State of California that he was present and saw said Henry Gustaf Apple fully and voluntarily sign and seal and deliver the same that said Henry Gustaf Apple was personally known to him to be the individual described in the foregoing instrument and that he the deponent thereupon signed his name as a subscribing witness thereto. Witness my hand and official seal the day and date last aforesaid in the Certificate written.

H. M. Morgan

Even mission for America with the

State of California ss.
City & County of San Francisco

City & County of San Francisco. On this 27th day of August 1866, before me Henry M. Morgan a Commissioner of Deeds for the State of Nevada and residing in the City of San Francisco personally appeared A. J. [unclear] at the same time personally appeared [unclear] President of the Confidence Silver Mining Co. [unclear] several persons personally known to me to be the [unclear] in and who executed the foregoing instrument [unclear] [unclear] and each for himself acknowledged that they executed the same freely and [unclear] [unclear] and for the uses and purposes therein expressed. and the said Geo. W. Towash a known [unclear] to me that he executed the same as the deed and set out as the President of the Confidence Silver Mining Co. and for the uses and purposes therein expressed.

tioned. Notwithstanding the above, the
day and date last above mentioned.

(23)

Covered by Voucher No. 40. Receipts No. 30.
Recorded February the 14th A.D. 1867 at 11 A.M. at
request of H. Sweetapple, Esq. Book C. Golden County
Miscellaneous Record. H. Sweetapple, Recorder of
Golden County. By J. R. Winters Deputy

Know all men by these presents that we J. B. Stone,
A. J. Donnell and O. Heyde have made constituted and
appointed, and by these presents do make, constitute and
appoint W. C. Van Horn of Dayton, Son County, State
of Nevada our true and lawful attorney for us and our
heirs, place and stead to enter into and take possession
of all our right title claim and interest that we now
have own hold or possess in those certain claims mining
ground or ledge situated in the Walker River, Marine
Mining District, Son County, State of Nevada, situated
about one mile East of Hot Springs, known as and called the
Van Horn & Linder Company. The notice of loca-
tion of which said claim is recorded in the Records & Office
of Son County Book C. Miscellaneous Records, folio 10.
and to grant bargain and sell all our and each of our
right title and interest of in and to said claim or any
part thereof for such sum and price and on such terms
as to him shall seem meet and for us and in our name
to make execute and acknowledge and deliver good and
sufficient deeds and conveyances for the same. We also give
and grant unto our said attorney full power and author-
ity to make any other disposition of our said interest in said
claim or any part thereof as may seem meet and
as may be required by law.

1867